

SUBJECT INDEX TO VOLUME 24

JULY—DECEMBER, 1958

References are to page numbers. An asterisk denotes title and reference only

- Abdomen, closed injuries, intestinal lesions in, 261
Abscess, pulmonary, *see* Lung abscess
Absenteeism in relation to wage level and family responsibility, 74
Acepromazine maleate in schizophrenia, 450
Acetazolamide, diuretic action in congestive heart failure, 431
— in Ménière's disease, 281
— salicylate poisoning, 388
— sickle-cell anaemia, 123
Acetylcholine, effect on pulmonary circulation under normal and hypoxic conditions, 330
— in coronary arteriography, 319
Acetyldigoxin, clinical evaluation, 409
—, parenteral, in heart failure, 408
Acetylsalicylic acid, buffered and unbuffered, clinical comparison, 92
—, effect on plasma corticoids, corticotrophin response, and urinary steroid excretion, 208
— ingestion causing gastro-intestinal haemorrhage, 12
Acetylthiothiuronin in evaluation of status of digitalization, 39
Achalasia of oesophagus, surgical treatment, 35
Achlorhydria, tubeless gastric analysis as screening test for, 321
Acid-fast bacilli, atypical, bacteriological and epidemiological studies of pulmonary diseases associated with, 385
—, —, differentiation from other mycobacteria by neotetrazolium inhibition test, 326
—, —, niacin production in differentiation from human tubercle bacilli, 327
Acidosis, diabetic, effect of cortisone on, 287
—, respiratory, changes in serum potassium and in pH of arterial blood in, 128
Acne, pustular, tetracycline and nystatin treatment, 145
— vulgaris, significance of antibiotic response, 145
Acromegaly, electroencephalographic study, 131
Acroparaesthesia in myxoedema, clinical and electromyographic study, 362
ACTH, *see* Corticotrophin
"Acyland", *see* Acetyldigoxin
Addison's disease, action of fludrocortisone and aldosterone on sodium and potassium metabolism in, 439
—, bibliography, 286*
—, electroencephalographic study, 131
Adenovirus infection in infants and young children, fatal pneumonia after, 412
Adolescents, tuberculous bone lesions in, detection in early stage of primary tuberculous infection, 21
+
Adrenal changes in postmature infants and those with "placental dysfunction syndrome", 147
— cortex and carbohydrate metabolism, 55
— function, *see also* Hypoadosteronism
—, —, abnormalities in rheumatoid arthritis and ankylosing spondylitis, 59
—, —, effect of cortisone treatment before surgical operation on, 286
—, —, salicylates on, 208
—, —, in diabetic retinopathy and nephropathy, 56
—, —, test, corticotrophin zinc as, urinary 17-hydroxycorticoid response to, 134
—, —, insufficiency with normal basal levels of urinary 17-hydroxycorticoids, diagnostic implications, 206
—, —, stimulation and suppression in Cushing's syndrome, 285
— corticosterones, biosynthesis using androgens and oestrogens, 135
— glands of elderly mental hospital patients with and without hypertension, 9
Adrenaline, intravenous, in Stokes-Adams disease, 270
Adrenoxyl, effect in reducing blood loss, 157, 407
Adynamia episodica hereditaria, paresis and hyperexcitability in, 372
Aerosol, steroid, in bronchial asthma, 344
Agammaglobulinaemia, congenital and acquired, 420
Age, maternal, incidence of mental disorder in offspring and, 296
Aged and sick, compulsory removal from own homes in Britain under National Assistance Act, 383
Air pollution in Greater London, effect on chronic bronchitis, 71
—, —, relation to lung carcinoma incidence, 51
—, —, mortality and, in County of London, 383
—, —, with other local factors in respiratory disease, 383
Alcohol in blood, quantitative methods of estimation in Switzerland, 316
Alcoholism, *see also* Delirium tremens
—, acute renal failure in, 156
—, chronic, acute complications, azacyclonol hydrochloride treatment, 450
—, —, "temposil" treatment, 144
Aldolase in cerebrospinal fluid and serum in amaurotic family idiocy and Niemann-Pick disease, 217
— serum in myopathy, 64
Aldosterone, *see also* Hypoadosteronism
—, action on sodium and potassium metabolism in Addison's disease, 439
— secretion, influence of posture and activity on, 206
Aldosterone, urinary excretion in arterial hypertension, 274
Alkalosis, chronic, with injury to central nervous system, 260
Alkoxyethyleniminebenzoquinone, *see* "E 39"
Alkylphosphate poisoning, pyridine-2-aldoxime methiodide treatment, 386
Alkyltin ingestion, nervous lesions due to, 464
— poisoning, clinical features, 464
—, toxic encephalopathy due to, 464
Allergy, 106, 258-9, 344, 419
— in children, critical review, 106*
—, —, *v.* allergy in adults, 106*
Alopecia after dextran sulphate and other anticoagulant therapy, 390
— areata, psychiatric study, 301
—, —, triamcinolone treatment, 452
—, partial and total, corticotrophin and cortin treatment, 453
— totalis, corticotrophin treatment, 379
Alveolar lining, pulmonary, properties, function, and origin, 126
Amaurotic family idiocy, cerebrospinal fluid and serum enzymes in, 217
Amethopterin, intrathecal, for neurological complications of leukaemia, 200
Amidopyrine allergy with evidence of reaginic-type antibody, 259
—, potent antipyretic properties, 247
Amino-acid metabolism abnormality with severe mental deficiency, a probable hereditary condition, 107
Aminometradine and aminoisometradine, laboratory and clinical study, 91
—, oral, in cardiac oedema, 410
Aminophylline, action on coronary circulation, 408
—, laboratory and clinical study, 91
4-Aminoquinoline compounds in rheumatoid arthritis and related diseases, 370
p-Aminosalicylic acid and isoniazid in early primary tuberculosis in children, 21
Amiphenazole to combat depressive effects of morphine, 92
—, pethidine, and "pacatal" mixture to produce "ataralgia", 75
Amisometradine, laboratory and clinical studies, 91
—, oral, diuretic effect in cardiac failure, 13
—, —, in cardiac oedema, 410
Ammonia content of venous blood in newborn infants, 146
— level in blood, electroencephalographic changes with elevation of, 139
—, —, — in liver disease, effect of L-arginine on, 37
— metabolism in newborn, possible relation of complications of hyperbilirubinaemia to, 146

- Ammonium salts**, carotid arterial infusion, for experimental production of coma, 348
- , intravenous administration, associated peripheral biochemical changes, 348
 - uptake by extremities and brain in hepatic coma, 347
- Amodiaquine and chloroquine** in malaria, comparative assessment, 257
- Amoebiasis**, hepatic, plasma cholinesterase and other liver function tests in, 342
- , new synthetic compounds in treatment, 418
- Amputation** of both legs, rehabilitation after, 371
- Amyl nitrite** in differentiation of mitral and aortic systolic murmurs, 268
- Amyloidosis**, primary, nervous system involvement in, 346
- Anaemia**, aplastic, pathological and anatomical study, 198
- , Cooley's, *see* *Thalassaemia*
 - , haemoglobin tolerance in, 197
 - , haemolytic experimental, effects of corticotrophin and cortisone in, 435
 - , —, jaundice and hyperlipaemia associated with alcoholic fatty liver and cirrhosis, 262
 - , hookworm, *see* *Ankylostomiasis*
 - , hypochromic, iron chelate therapy, 246
 - , —, physiological, of newborn, 68
 - , hypoplastic, unusual clinical variant of, 276
 - in chronic renal insufficiency, 197
 - elderly due to occult intestinal haemorrhage, 276
 - , iron-deficiency, catalase activity of erythrocytes in, 434
 - , —, effect of treatment on gastric mucosa, 164
 - , —, intramuscular iron-dextran complex in, 410
 - , macrocytic, in epileptics due to anticonvulsants, 124
 - , megaloblastic, due to primidone, folic acid utilization in, 434
 - , —, latent, diagnosis, 124
 - , mucoprotein fraction of serum in, 321
 - of renal failure, pathogenesis, 198
 - tropics: India and Ceylon, 180
 - , —, proteins and liver damage in, 105
 - , pernicious, changes in squamous epithelial cell nuclei in, 85
 - , —, cyanocobalamin and purified intrinsic factor in, 199
 - , —, in relapse, effect of pteroylglutamic acid on serum cyanocobalamin concentration in, 356
 - , —, nuclear changes in oral mucosa in, 355
 - , —, oral treatment, intrinsic-factor-inhibiting substance in serum after, 435
 - , —, —, new approach to, 276
 - , —, —, with cyanocobalamin and purified intrinsic factor, reduced effect when prolonged, 435
 - , —, —, radioactive cyanocobalamin followed by refractoriness to potent animal intrinsic factor, 199
 - , —, orotic acid in, haematological responses to, 124
 - , sickle-cell, acetazolamide treatment, 123
 - , —, in India, 433
- Anaemia, sickle-cell**, perspectives, 198*
- , —, role of spleen and effect of splenectomy in, 433
 - , toxic, with Heinz-body formation after salicylazosulphapyridine treatment, 388
- Anaerobes**, incidence in routine diagnostic cultures, 165
- Anaesthesia**, *see also* *Analgesia*
- , endobronchial, with Carlens catheter, 235
 - for bronchoscopy, simple method, 391
 - — great-vessel surgery, 235*
 - in labour, effect on respiratory minute volume in newborn, 146
 - sitting position, blood pressure under, 466
 - of children, sodium thiopentone suppositories in, 393
 - mass casualties, 391
 - , ventilation and end-tidal carbon dioxide tension in, 391
- Anaesthetic mask and connectors**, potential deadspace in, 466
- Anaesthetics**, 75-6, 157-8, 235, 317, 391-3, 466-70
- effect on incidence of ventricular fibrillation during experimental ventriculotomy under hypothermia, 317
- Analgesia**, spinal, heat sterilization of ampoules in, 393
- , total, without anaesthesia for surgical operations, 75
- Anaphylaxis**, nervous system and, 258
- Aneurysm**, berry, of circle of Willis, 84
- , cerebral, carotid ligation for, 374
 - , —, ruptured, hypothermia in surgical treatment, 140
 - , intracranial, of internal carotid artery, ligation of cervical carotid artery for, 447
- Angiitis**, allergic, clinical and pathological findings in, 452
- Angina** of effort, electrocardiogram in, 350
- pectoris, bilateral ligation of internal mammary artery for, 116
 - , —, nitroglycerin and other nitrites in, 167
 - , —, nitrous oxide inhalation in, 116
 - , —, oral pentaerythritol tetranitrate treatment, comparison with aminophylline and dihydroxypropyltheophylline, 46
 - , —, severe, internal mammary artery implantation for, 46
- Angiocardiography** in diagnosis of constrictive pericarditis, 78
- — non-resectable lung carcinoma, 396
 - — — pericardial effusion, 237
- Angiography**, selective, in renal tuberculosis, 238
- Angioma**, cerebral arterio-venous, in children, 293
- Angioneurotic oedema**, "triamcino-lone" treatment, 344
- "Anisindione" in thromboembolism, 13
- Ankle-jerk** in early hemiplegia, 64
- Ankylostomiasis**, incidence of sickle-cell trait in, 433
- Anthrax** from handling infected bone-meal products, 462
- Antibiotics**, chemical and medical aspects, 333*
- in acute cholecystitis, 422
 - combined treatment, current status, 333*
- Antibiotics in small doses** for common cold, 171
- , intratracheobronchial, in pulmonary and bronchial tuberculosis, 175
- Antibodies**, fluorescent, in grouping of streptococci, 404
- in newborn, colostrum and milk as sources of, 224
 - , specific, in sera of patients with carcinoma, detection by Schultz-Dale test, 161
- Antibody response** to Asian influenza vaccine, 165
- Anticholinesterase compounds**, oximes in treatment of intoxication with, 316, 449, 465
- Anticoagulants**, circulating, demonstration in plasma thromboplastin antecedent deficiency, 122
- in acute myocardial infarction, 431
 - — cerebral thromboembolism, 141
 - — thrombosis, 293
 - — cerebrovascular disease, 220
 - — experimental cerebral infarction, 141
 - — myocardial infarction, 119
 - influence on cerebral infarction produced experimentally by homologous blood clots, 65
 - relation to haemorrhagic cerebral infarction in experimental animals, 293
 - treatment, alopecia after, 390
 - —, continuous long-term, evaluation, 44
 - control, modified Owren technique, 83
 - —, Quick's, Owren's, and Ware's techniques compared, 83
- Anticonvulsants**, macrocytosis and macrocytic anaemia caused by, 124
- Antigen**, tissue, auto-immune reaction in acute and chronic disease, serological investigations and clinical correlations, 1
- Antiglobulin consumption test** in rheumatic carditis, clinical value, 211
- Antihaemophilic globulin level** in haemophilia, effect of plasma transfusion on, 433
- Antihistamines**, review, 406*
- Antistreptolysin O titre** in rheumatic carditis, 288
- Antistreptolysin determination** in rheumatic or hepatic disease, 88
- Antrum**, maxillary, tumours of, radiotherapy, 159
- Anxiety**, influence on electrocardiogram, 351
- , meprobamate treatment, critical review, 299*
- Aorta**, abdominal, and iliac arteries, atherosclerotic occlusion of, 38
- coarctation, classification, 273
 - insufficiency, surgical correction, 115
 - stenosis, analysis of 250 cases, 352
 - , calcific, brucellosis in aetiology, 268
 - , congenital, with patent ductus arteriosus, 267
 - , —, electrocardiogram in, 39
 - , —, estimation of severity by combined cardiac catheterization, 427
 - in infants and children, 113
 - , isolated, late prognosis, 428
 - , left ventricular, central aortic and peripheral pressure pulses in, 428
 - of no physiological significance, 116

- Aorta stenosis, pathological and physiological study, 192
— thrombosis, 273
Aortography, abdominal, renal complications, 239
Aortotoxic serum in localization of pathological processes, 398
Apnoea, prolonged, after succinylcholine, effect of edrophonium chloride on, 468
Appendicitis, acute, "respiratory" sign in diagnosis, 34
— and acute terminal ileitis during gastro-enteritis outbreak, 108
Aqueduct appearance in relation to hydrocephalus in Arnold-Chiari malformation, 6
Ardmore disease, epidemic in Oklahoma, 17
L-Arginine, effect on raised blood ammonia due to liver disease, 37
— in hepatic coma, 348
"Aristocort", see "Triamcinolone"
Arnold-Chiari malformation, hydrocephalus in, appearance of aqueduct and, 6
—, morbid anatomical findings, 322
Arrhythmia, see also Tachycardia
—, atrial fibrillation, pathogenesis, role of vegetative nervous system in, 353
—, cardiac, after pulmonary resection, prevention by quinidine, 271
—, "gallop rhythm", clinical significance, 352
—, ventricular fibrillation, in experimental hypothermic ventriculotomy, effect of anaesthetics on incidence, 317
Arsenic trioxide, acute oral toxicity and chemical and physical properties, 316
Arteries, atrial coronary, anatomical study, 272
—, carotid, ligation in intracranial aneurysm, follow-up study, 374
—, cervical carotid, ligation for aneurysm of intracranial internal carotid artery, 447
—, coronary, see Coronary
—, iliac, and abdominal aorta, atherosclerotic occlusion of, 38
—, internal carotid, thrombosis simulating intracranial space-occupying lesion, 292
—, —, mammary, bilateral ligation for angina pectoris, 116
—, —, division in revascularization of myocardium, 353
—, —, implant in coronary arterial insufficiency, 46
—, —, —, ischaemic heart, fate of, 193
—, pulmonary, embolism of, electrocardiogram in, 40
Arteriography, coronary, with aid of acetylcholine, 319
Arteriosclerosis, pulmonary, in chronic pulmonary emphysema, 402
Arthritis associated with urethritis, radiological changes in, 238
—, chronic, "extended lumbar sympathectomy" in, 59
—, rheumatoid, adrenocortical function abnormalities in, 59
—, —, agglutination of collodion particles sensitized with gamma globulin in, 212
—, —, 4-aminoquinoline compounds in, 370
—, —, antimalarial drugs in, 444
—, —, arteriolar involvement in, 212
Arthritis, rheumatoid, bentonite flocculation test for, 212
—, —, complicated by suppurative arthritis, 369
—, —, course and prognosis, 61
—, —, diagnosis by latex fixation test using whole serum and euglobulin fraction, 369
—, —, "drawer" sign and abnormal mobility of knee-joint in, 60
—, —, effect of aspirin on plasma corticoids, corticotrophin response, and urinary steroid excretion in, 208
—, —, —, salicylates on adrenocortical function in, 208
—, —, gold therapy, 443, 444
—, —, haemagglutination tests in, 213
—, —, heart lesions in, 323
—, —, hydrocortisone and prednisolone treatments compared, 290
—, —, in West Cornwall, 289
—, —, intermediary metabolism of phenylalanine and tyrosine in, 138
—, —, intra-articular hydrocortisone in, 441
—, —, iron deficiency in, diagnosis by bone-marrow examination, 213
—, —, juvenile, cervical localization, 289
—, —, laryngeal stridor in, 441
—, —, lymph-node lesions in, 244
—, —, neuropathy in, 60
—, —, objective evaluation, 370
—, —, peripheral neuritis in, 212
—, —, prednisone-treated, subcutaneous haemorrhages in, 289
—, —, prostatitis in, 213
—, —, psycho-social factors in epidemiology, 368
—, —, qualitative precipitation reaction for detection of rheumatoid factor in serum, 60
—, —, quinacrine and chloroquine treatments compared, 290
—, —, radiological assessment, 61
—, —, rehabilitation in, follow-up study, 216
—, —, role of nervous system in, 369
—, —, serological investigations in, 137
—, —, ultrasonic vibrations in treatment, 371
—, suppurative, complicating rheumatoid arthritis, 369
—, ulcers, and vesicles as manifestations of pyoderma gangrenosum, 223
Asbestos miners, lung carcinoma in, epidemiological study, 462
Ascariasis, dithiazanine treatment, 17
—, piperazine treatment, 105
Ascites in hepatic cirrhosis, chlorothiazide control, 262
—, malignant, radioactive colloidal chromic phosphate in, 476
Asian influenza, see Influenza
Aspiration of food and vomit, 278
Aspirin, see Acetylsalicylic acid
Asthma, bacteriological study, 202
—, basophil leucocytes in, 419
—, chronic, hydrocortisone and prednisolone powder inhalation in, 106
—, —, in children, gamma-globulin treatment, 456
—, —, —, prednisolone treatment, comparison with cortisone, 106
—, correlation with hormonal secretions of gonads, 259
—, effects of change in position on lung function in, 258
—, forced expiratory volume as test of successful treatment, 258
Asthma in children, food allergy and, 419
—, —, personality studies, 376
—, prednisolone aerosol treatment, 344
—, steroid treatment, 344
—, "triamcinolone" treatment, 344
—, with chronic emphysema, physical treatment and breathing training, 445
"Ataralgesia", operations with total analgesia without anaesthesia, 75
"Atarax" in chronic urticaria, 419
Ataxia-telangiectasia, familial syndrome, 373
Atheroma, correlation with diet, 350
Atherosclerosis, cholesterol, in rabbits, effect of exercise on, 2
—, coronary, corn oil to reduce serum cholesterol in, 117
—, —, in women, oestrogen replacement therapy, 118
—, early aortic lesions in, 323
—, essential fatty acids to reduce plasma cholesterol in, 121
—, occlusive, of abdominal aorta and iliac arteries, 38
—, primary hyperlipaemia and, 121
—, pulmonary, in congenital heart disease, 113
Atomic radiation, effect on brain, 84
Aureomycin, see Chlortetracycline
Auscultation in patent ductus arteriosus, 41
Azacyclonal hydrochloride for acute complications of chronic alcoholism, 450
6-Azauracil and its riboside, azauridine, carcinostatic activity, 170
"Azo gantrisin" in urinary tract infections, 53
"Azulfidine", see Salicylazosulphapyridine
Bacteriaemia, portal, in ulcerative colitis, 349
Baldness, see Alopecia
"Banocide", see Diethylcarbamazine
Barbiturate antagonists to terminate thiopentone anaesthesia, 468
—, depression induced by, effect of methyl phenidate hydrochloride on, 389
—, narcotic effects, reversal with beme-gride, 76
—, poisoning, fatal, survey of cases, 389
Barium in urine, radiochemical analysis, 315
Barytes dust inhalation, radiological study, 312
Basal metabolic rate in thyrotoxicosis, 132
B.C.G. test d'accompagnement, definition, significance, and practical application, 22
— vaccination in Birmingham, 22
— — — U.S.S.R., 23
— of adults, effects of isoniazid prophylaxis on tuberculin response and local lesion after, 253
— vaccine, British freeze-dried, clinical trials in children, 252
—, freeze-dried, laboratory trials and tests in children, 173
Beat knee, clinical study and treatment by kneeling, 313, 314
Behaviour problems in childhood, relation to adult psychiatric status, 377

- Bemegride, antiepileptic activity, clinical studies, 248
- , —, in termination of anaesthesia, 468
- , as activator in electroencephalography, 217, 292
- , effect on healthy subjects, clinical and electroencephalographic study, 446
- , reversal of narcotic effects of barbiturates, 76
- , with haemodialysis in acute glutethimide poisoning, 389
- Benactyzine with meprobamate in depression, 297
- Bentonite flocculation test for rheumatoid arthritis, 212
- Benzene, effect on lactating rats and guinea-pigs and their offspring, 232
- , poisoning, chronic, clinical features, 233
- , —, haematopoiesis in bone marrow in, 233
- , workers, female, occupational hygiene, 232
- N-Benzyl- β -chloropropionamide in epilepsy in mental defectives, 295
- Benzylpenicillin with and without novobiocin, antibacterial action of plasma after ingestion, 169
- Beryllium disease, chronic, histology of lungs in, 243
- Bile acid, faecal elimination, effect of fat ingestion on, 107
- , secretion and effect of dietary oils and fats on cholesterol metabolism, 260
- Bilharziasis, *see* Schistosomiasis
- Biliary tract disease, acute renal failure complicating, 282
- , —, serum glutamic oxalacetic transaminase activity in, 262
- , —, obstruction, differential diagnosis with radioactive rose bengal, 264
- Birth weight and respiratory rate of premature infants as guides to survival and need for oxygen therapy, 224
- Bismuth, radioactive, in lymphatic leukaemia, 277
- , salts, histological changes in gastric mucosa in presence of, 12
- Bladder carcinoma, epidermoid, radioactive cobalt therapy, 240
- , —, intracavitary irradiation with radium or radioactive cobalt source, 80
- , functional disorders, 204*
- Blindness, bilateral, from cerebral infarction, 66
- , and nerve deafness in diabetes mellitus, 135
- Blood absorption from pleural cavity in experimental haemothorax and haemopneumothorax, 397
- , alcohol, quantitative methods of estimation in Switzerland, 316
- , arterial, changes in pH in respiratory acidosis, 128
- , —, in cardiac dyspnoea, pH, oxygen saturation, and carbon dioxide tension, 431
- , circulation, *see* Circulation
- , coagulation defect in vitamin-K deficiency, 275
- , —, in ischaemic heart disease, effect of diet restriction on, 271
- , —, postprandial, in aetiology of coronary thrombosis, 118
- Blood for transfusion, effect of temperature on survival of bacteria in, and contamination by cold-growing organisms, 50
- , glucose disposition, effects of insulin and tolbutamide on, 136
- , groups, ABO, in relation to prematurity and stillbirths, 68
- , —, incompatibility, and haemolytic disease of newborn, 455
- , isoniazid level in pulmonary tuberculosis, clinical implications, 24
- , loss during operations, reduction by infusion of adrenoxyl, 157, 407
- , occult, in faeces, comparative reliability of three modified benzidine tests for, 5
- , —, —, detection without dietary restriction, 399
- , oxygen content in different forms of pulmonary tuberculosis, 23
- , peripheral, findings in old age, 432
- , picture in old age, 432
- , plasma, antibacterial action after ingestion of novobiocin or benzylpenicillin or both, 169
- , —, erythropoietic factor, nature, 2
- , pools in body, visualization by radioactive isotopes, 78
- , pressure, *see also* Hypertension
- , in white people over 65 years of age, 187
- , —, intrasplenic, measurement in clinical investigation of portal venous system, 38
- , —, left atrial, bronchoscopic measurement in diagnosis of mitral disease, 269
- , —, —, effects of increased systemic resistance on, method for clinical detection of mitral insufficiency, 191
- , —, levels and incidence of hypertension in rubber workers, 463
- , —, pulmonary capillary, inaccuracy of wedge pressure as index of, 188
- , —, relation to weight, height, and body build in apparently healthy subjects aged 65–106 years, 187
- , —, response of cats to hypotensive drugs, influence of carbon dioxide on, 467
- , —, under anaesthesia in sitting position, 466
- , —, venous, in right heart failure, 47
- , serum, mucoprotein fraction, content and composition in haematological disorders, 321
- , sugar level, effects of thiopentone and adjuvant drugs on, clinical significance, 157
- , —, in childhood diabetes, 206
- , transfusion, antiglobulin cross-matching test for dangerous antibodies in, 275
- , —, antileucocytic isoimmunization after, 125
- , —, exchange, clinical and biochemical changes during, 302
- , —, —, comparison of effects of whole blood and sedimented erythrocytes in, 146
- , —, intraperitoneal, in children, 69
- , —, pyrexial reactions to, prevention by chlorpheniramine maleate, 125
- Body temperature, *see* Temperature
- , water, total and extracellular, in epilepsy, 294
- Bone abnormalities in Wilson's disease, radiological detection, 319
- Bone fluoride content in areas of fluoridation of public water supplies, 151
- , marrow activity, measurement in thalassaemia, 434
- , —, erythroid hyperplasia of, in acute leukaemia, 277
- , —, examination in diagnosis of iron deficiency in rheumatoid arthritis, 213
- , —, findings in old age, 432
- , —, haematopoiesis in, in chronic benzene poisoning, 233
- , —, iron content during course of rheumatic fever in children, 367
- , meal products, anthrax in handlers, 462
- , tuberculosis, *see* Tuberculosis, skeletal
- , tumour, giant-cell, clinical, pathological, and radiological features, 79
- Bornholm disease in Adelaide, 311
- , —, epidemiological and laboratory investigations, 311
- Boron compounds, pharmacology and toxicology, 234*
- Botkin's disease, *see* Hepatitis, infective
- Brain, *see also* Electroencephalogram; Encephalitis, etc.; Leucoencephalitis; Meningitis; Palsy, cerebral; Pneumoencephalography
- , ammonium uptake in hepatic coma, 347
- , aneurysm, carotid ligation for, 374
- , —, of internal carotid artery, ligation of cervical carotid artery for, 447
- , —, ruptured, hypothermia in surgical treatment, 140
- , aqueduct, appearance of, in relation to hydrocephalus in Arnold-Chiari malformation, 6
- , arterio-venous angioma in children, 293
- , carcinoma metastatic from lungs, 280
- , circle of Willis, berry aneurysms of, 84
- , cortex atrophy, diagnosis by 24-hour pneumoencephalogram, 160
- , —, laminar necrosis, aetiology and pathogenesis, 83
- , effect of atomic radiation on, 84
- , infarction, bilateral loss of vision in, 66
- , —, experimental, effect of dicoumarol on, 65
- , —, —, haemorrhagic, anticoagulants and, 293
- , —, —, localized changes in properties of blood and effects of anticoagulants in, 141
- , —, —, produced by homologous blood-clots, anticoagulants and, 65
- , lesion, residual, after hypoglycaemia in diabetics, 207
- , —, space-occupying, simulated by thrombosis of internal carotid artery, 292
- , posterior fossa, pneumocisternographic exploration, 473
- , postnatal development of arterial and venous networks in pia mater of cerebral hemispheres, 219
- , stem, tumours of, in children, 142
- , subarachnoid haemorrhage, medical management, 294
- , subdural haematoma and effusion in infants, electroencephalographic findings, 292

- Brain surgery, technique of deep hypothermia in, 467
 — thromboembolism, anticoagulant treatment, 141
 — thrombosis, anticoagulant treatment, 293
 — tumour and vascular disease, lactic dehydrogenase of cerebrospinal fluid in differential diagnosis, 219
 —, hemispheric, extrapyramidal signs and symptoms, 374
 — location by encephalography and ventriculography compared, 159
 — vascular accidents, glutamic oxalacetic transaminase in serum and cerebrospinal fluid in, demonstration of blood-cerebrospinal-fluid barrier, 66
 — disease, anticoagulant treatment, 220
 — —, recent developments, 141*
- Breast carcinoma treatment, 80*
- Breathing, *see* Respiration
- 5-Bromosalicylhydroxamic acid, action against isoniazid resistance in pulmonary tuberculosis, 24
- Bronchiectasis, electric stimulation of breathing in, 215
 —, extensive bilateral, long-term tracheostomy in, 127
 — in children, prognosis, 148
 — pulmonary tuberculosis, comparative bronchographic and anatomical study, 254
 —, segmental resection of lung for, respiratory function after, 358
 —, tumour-like formations in lungs in, incidence, 243
 — with chronic emphysema, physical therapy and breathing training, 445
- Bronchitis, *see also* Endobronchitis
 — and air pollution in London, 383
 —, chronic, bacteriological study, 202
 —, —, effect of London fog on, 71
 —, —, natural history, 358
 —, —, pulmonary emphysema in, pathological study, 401
 —, —, with chronic emphysema, physical therapy and breathing training, 445
 —, laryngo-tracheal, cytopathogenic agents from respiratory tract in, 165
 — mortality in England and Wales and in Denmark, 227
 —, penicillin and chlortetracycline treatments, 127
- Bronchogram, appearance of secondary lobule in lung in, 472
 —, peripheral pattern in, and its relation to peripheral pulmonary anatomy, 472
- Bronchography in pulmonary tuberculosis in assessment of patients for surgical treatment, 340
 —, tomographic, in preoperative assessment of pulmonary tuberculosis, 77
- Bronchoscope, modification to permit intermittent positive-pressure breathing, 278
- Bronchoscopy, anaesthesia for, 391
 —, findings in 1,109 cases, 278
- Bronchospasm, histamine-induced, in dogs, effect of succinylcholine chloride on, 329
- Bronchus carcinoma, endobronchial irradiation, 475
 — in young persons, 436
 —, primary, interstitial implantation of radioactive material in, 475
- Bronchus disease, chronic, bacteriological differentiation, 202
 —, mucoid impaction of, 51
 —, squamous epithelial metaplasia of, postmortem study, 163
- Brucellosis, "cathomycin" treatment, 96
 —, histological effects of experimental inoculation with live vaccine, 397
 — in aetiology of calcific aortic stenosis, 268
 —, sacro-iliac, clinical and radiological study, 251
 —, subacute septic endocarditis in, 114
- Buerger's disease, pathogenesis reconsidered, 323
- Burns, chemical and thermal, in industry, clinical features and results of treatment, 152
 —, hepatic and renal function after, 4
- Bursitis, acute, of knee, clinical study and treatment by kneeling, 313, 314
 —, intra-articular injection of hydrocortisone in, 441
 —, subcutaneous, radiological diagnosis, 318
- "Butazolidin", *see* Phenylbutazone
- Buthalitone sodium anaesthesia, rate of recovery after, 75
- Byssinosis in cotton workers, pulmonary function study, 313
- "BZ 55", *see* Carbutamide
- Cadmium poisoning, sodium calcium-edetate treatment, 155
- Calcaneodynia, radiological appearance, 318
- Calcium carbimide, citrated, in chronic alcoholism, 144
 — disodium ethylenediamine tetraacetate, *see* Sodium calciumedetate
 — metabolism in patients with "idiopathic" urinary calculi, effect of oral sodium phytate, 283
 — — — renal calculi, 360
- Calculus, "idiopathic" urinary, calcium metabolism and, effect of oral sodium phytate, 283
 —, renal, calcium and phosphate metabolism in, 360
- Carbohydrate metabolism, adrenal cortex and, 55
 —, influence of endocrine glands on, 361
- Carbon dioxide elimination in anaesthesia, 466
 —, influence on blood-pressure response of cats to hypotensive drugs, 467
 —, — neuromuscular blocking activity of relaxant drugs in cat, 406
 —, — inhalation, effect on conjunctival vessels, blood pH, and pCO₂ in young diabetics, 286
 — monoxide poisoning, acute, electroencephalographic findings, 234
- Carbonic anhydrase inhibitor, W-1548, clinical study of oral diuretic properties, 14
- Carbutamide in diabetes, out-patient trials, 56
 —, pharmacology and mode of action, 136
- Carcinoma, *see also* organ affected
 —, action of 6-azauracil and its riboside, azauridine, on, 170
 —, C-reactive protein in, 161
- Carcinoma, effect of x-irradiation on blood proteins in, 394
 —, "endoxan" treatment, 170
 —, immunologically active constituent of serum in, 161
 —, intravenous ethylene-iminiquinone treatment, 249
 — of female genital tract associated with dermatomyositis, 62
 — mortality among British radiologists, 471
 —, relation between clinical and tissue-culture response to chemotherapeutic agents, 170
 —, specific antibodies in sera, detection by Schultz-Dale test, 161
- Cardiomyotomy for achalasia of cardia, 182
- Cardiospasm, *see* Oesophagus achalasia
- Cardiovascular system, 38-48, 111-21, 187-96, 265-74, 350-4, 424-31
- Carditis, rheumatic, antiglobulin consumption test, clinical value, 211
 —, —, antistreptolysin-O titre in, 288
 —, —, prophylaxis, historical review, and controlled studies, 57
 —, —, with pulmonary hyaline membrane, 401
- "Cardrase", diuretic action in congestive heart failure, 431
- Carlens catheter, endobronchial anaesthesia with, 235
- Carpal tunnel syndrome, electromyography in, 372
- Carrot seed preparation, "daucarin", in coronary insufficiency, 118
- Casein hydrolysate poor in phenylalanine in treatment of phenylpyruvic oligophrenia, 221
- Catalase activity in erythrocytes in iron-deficiency anaemia, 434
 — of *Myc. tuberculosis*, correlation with isoniazid sensitivity, 10
- Catheter, cardiac, containing photoelectric cell, diagnostic use, 265
 —, Carlens, endobronchial anaesthesia with, 235
- Catheterization, cardiac, estimation of severity of aortic stenosis by, 427
 —, —, influence on cardiac output, 424
 —, transbronchial left-heart, in location of left-to-right shunts, 425
 —, —, technique and applications, 41
- "Cathomycin" in brucellosis, 96
- "Cedilanid D", parenteral, in heart failure, 408
- Cellulitis, subcutaneous, of knee, clinical study and treatment by kneeling, 313, 314
- "Celontin" in intractable epilepsy, 295
- Cement dermatitis, chromium salts allergy in, 385
 — workers, radiological resurvey of, 312
- Cerebrospinal fluid pressure, physiological mechanism of its modification, 139
- Ceruloplasmin, relation to Wilson's disease, 420
- Cervix uteri stump carcinoma, late results of radiotherapy, 80
- Cheilitis due to lipstick, 451
- Chelate therapy with supportive measures after exposure to thorium and uranium, 387
- Chemopallidectomy for paralysis agitans, follow-up studies, 374
- Chemotherapy, 16, 93, 169-70, 249, 333, 411

- Chest tumours, retrosternal pneumomediastinographic diagnosis, 395
- Chilblains, phenoxybenzamine treatment, 67
- Children, *see also* Infants
- , acute epiglottitis in, 305
 - , —, glomerulonephritis in, 438
 - , —, otitis media in, audiometric follow-up study after myringotomy, 281
 - , —, respiratory infections in, "stoss-therapy", 224
 - , anaesthesia in, sodium thiopentone suppositories for, 393
 - , aortic stenosis in, 113
 - , asthmatic, controlled study of gamma-globulin treatment, 456
 - , —, food allergy in, 419
 - , —, personality studies, 376
 - , —, prednisolone v. cortisone treatment, 106
 - , bacteriology of small intestine in health, coeliac disease, and fibrocystic disease of pancreas, 304
 - , born of mothers with thyroid disease, investigation of, 380
 - , brain-stem tumours in, 142
 - , bronchiectasis in, prognosis, 148
 - , cerebral arterio-venous angioma in, 293
 - , —, palsied, *see* Palsy, cerebral
 - , chronic interstitial nephritis in, 382
 - , conductive deafness in, 203
 - , conversion hysteria in, 225
 - , development of, dissociation as guide to assessment, 380
 - , diabetic, *see* Diabetes mellitus, juvenile
 - , disseminated sclerosis in, clinical study, 307
 - , dull and backward, social background, 308
 - , early primary tuberculosis in, isoniazid and PAS treatment, 21
 - , eczematous, food allergy in, 419
 - , electroencephalogram of, analysis by histogram method, 373
 - , endobronchial tuberculosis in, 173
 - , erythema nodosum in, changing aetiology, 304
 - , fatal pneumonia associated with adenovirus infection in, 412
 - , heart disease in, personality studies, 376
 - , hypothermia during surgical procedures in, 158
 - , intraperitoneal blood transfusion in, 69
 - , Jacksonian epilepsy in, 448
 - , left ventricular hypertrophy in, electrocardiographic diagnosis, 40
 - , leukaemia in, 458
 - , malignant disease in, 458
 - , meningococcal infections in, 304
 - , nephrotic, corticotrophin treatment, survival in, 130
 - , obese, 17-ketosteroid excretion of, before and after weight reduction, 303
 - , perforated duodenal ulcer in 3-year-old girl, 69
 - , peripheral tuberculous lymphadenitis in, origin, 97
 - , poliomyelitis vaccination, *see* Poliomyelitis
 - , premature at birth, otological and audiological evaluation, 380
 - , primary tuberculosis in, critical study of surgical treatment, 25
 - , —, —, isoniazid prophylaxis, 23
- Children, recurrent abdominal pain in, 305
- , refusal to go to school, 458
 - , rheumatic fever in, iron content of bone marrow during, 367
 - , —, —, serum mucoprotein content as diagnostic index and measure of activity, 441
 - , routine medical examination at school, effectiveness, 151
 - , seborrhoeic dermatitis in, pH of skin surface in, 451
 - , sickle-cell and homozygous haemoglobin C disease in, in Nigeria, 417
 - , Sonne dysentery in, social and health background, 73
 - , spasms in, prognosis, 307
 - , summer diarrhoea of, enteropathogenic viruses and bacteria in, 404
 - , suppurative pneumonia in, 381
 - , Sydenham's chorea in, psychosomatic study, 367
 - , tuberculous bone lesions in, detection in early stage of primary tuberculous infection, 21
 - , —, pleurisy with effusion in, prognosis, 339
- Chloramphenicol and penicillin combined, antibacterial action of plasma after ingestion, 411
- Chlorisondamine in hypertensive heart disease, 193
- Chloroform inhalers, evaluation, 470
- Chloroquine and amodiaquine in malaria compared, 257
- , diphosphate, suppressive effect in malaria, 29
 - , in rheumatoid arthritis, 444
 - , —, —, comparison with quinacrine, 290
 - , methylene-bis- β -hydroxynaphthoate, tasteless, and diphosphate salts of chloroquine, trials in school-children, 257
- Chlorothiazide, clinical and laboratory studies, 247
- , —, trials, 14
 - , diuretic action, 331
 - , effect on electrolyte transport, 91
 - , —, —, hypotensive action of mecamylamine and on its urinary excretion, 167
 - , in ascites in hepatic cirrhosis, 262
 - , —, essential hypertension, 120
 - , oral, diuretic effect in oedema, 14, 91, 246
- Chlorpromazine compared with insulin coma in psychosis, 299
- , effect on muscle spasm in tetanus, 337
 - , in mental deficiency, 378
 - , —, tetanus, comparison with barbiturates, 337
 - , oral, effect on electroencephalogram, 373
- Chlorpheniramine prophylaxis of pyrexial reactions to blood transfusion, 125
- Chlortetracycline in bronchitis, 127
- , small doses for common cold, 171
 - , —, suppurative pneumonia in children, 381
- Chloruresis in congestive heart failure resistant or sensitive to mercury, effect of corticotrophin on, 354
- Cholecystitis, acute, antibiotic treatment, 422
- Cholecystoangiography, non-operative, current status, 320*
- Cholecystography, failure to reveal abnormalities of motor function, 239
- Choleography with depression of renal excretion of contrast medium, 319
- Cholera, Asiatic, epidemic of 1833 in Mexico, 32*, 311*
- , epidemics, forecasting and control in South-East Asia and China, 180
 - , in Broad Street, Henry Whitehead and, 385*
 - , laboratory diagnosis, 245*
- Cholesterol atherosclerosis in rabbits, effect of exercise on, 2
- , plasma, reduction by essential fatty acids, mechanism of action, 121
 - , serum, in coronary atherosclerosis, reduction by corn oil, 117
 - , —, —, pentolinium-treated arterial hypertension, 196
 - , metabolism, effect of dietary oils and fats studied by bile acid secretion, 260
 - , —, —, ingestion of saturated fats on, 107
- Cholinesterase, *see also* Anticholinesterase
- , plasma, in diagnosis of hepatic amoebiasis, 342
- Chorea, Huntington's, psychiatric manifestations in Queensland, 291
- , streptococcal antibody titres and acute-phase reactants in, 211
 - , Sydenham's, in children, psychosomatic study, 367
- Christmas disease, haemostatic data in relatives, evidence for modifying classical sex-linked recessive hypothesis, 226
- Chromic phosphate, radioactive colloidal, in malignant pleural effusion and ascites, 476
- Chromium, radioactive, in measurement of erythrocyte loss from gastrointestinal tract, 123
- , salts allergy in cement dermatitis, 385
- Chymotrypsin in scapulo-humeral periarthritis, 368
- Ciba 10870 in Parkinsonism, 295
- Circulation changes under light narcosis, measurement by ear oximeter, 391
- , coronary, action of aminophylline on, 408
 - , disorders affecting mesenteric vessels, 423
 - , pulmonary, effect of theophylline ethylenediamine on, 330
 - , —, in finger-clubbing, precapillary anastomoses and, 38
 - , —, under normal and hypoxic conditions, effect of acetylcholine on, 330
 - , renal, in hypertension, effect of pentacynium methylsulphate on, 330
- Cirrhosis, *see* Liver
- Climate, polar, physiological effects on men in settlements with large populations, 345
- "Cliradon", analgesic properties and addiction liability, 331
- Clostridia*, rapid identification, 326
- Clostridium welchii* in cold chicken causing food-poisoning, 310
- Cobalt, radioactive, and supervoltage irradiation in inoperable lung carcinoma, 240
- Coeliac disease, bacterial content of jejunum in, 304
- "Colcemide" in acute gout, 208

- Cold, common, antibiotics in small doses in, 171
 —, —, vaccine, autogenous, prophylaxis with, 229
- Complement-fixation test for hydatid disease, influence of intermediate host protein on specificity, 405
- Colitis, ulcerative, chronic, corticosteroid treatment, indications and contraindications, 186
 —, —, incidence of carcinoma in, 349
 —, —, portal bacteriaemia in, 349
 —, —, rectal biopsy in, 186
 —, —, seromucoids in, clinical significance, 349
- Collagen diseases, intermediary metabolism of phenylalanine and tyrosine in, 138
 — and reticulin, differences in fine structure as revealed by polarizing microscope, 8
 —, transformation to "elastin" in dermal collagen with varying sensitivity to collagenase, 241
- Colon, adenomatous polyps and polypoid carcinoma of, 325
 — carcinoma in ulcerative colitis, 349
 — polypoid lesions, detection by high-kilovoltage spot-compression technique, 237
- Colostrum as source of antibodies transferred to newborn infant, 224
- Coma, experimental production by carotid arterial infusion of ammonium salts, 348
 —, hepatic, 264*
 —, —, ammonium uptake by extremities and brain in, 347
 —, —, L-arginine or DL-ornithine treatment, 348
 —, —, clinical syndrome of actual or impending, 36
 —, —, neomycin treatment, 37
 —, —, pathogenesis and management, 264*
 —, —, insulin, *see* Shock therapy
 —, —, protracted, in insulin shock therapy, management, 378
- Commissurotomy, *see* Valvotomy
- "Compazine" in chronic psychoses, 144
- Compound 48/80 in experimental silicosis, 313
- Conjunctiva, bulbar, small blood vessels of, in diabetic children, 135
- Conjunctivitis, allergic, ophthalmic decongestants in, 344
- Contracture, Dupuytren's, histological study, 403
- Convulsions in childhood, 225*
 —, small pneumoencephalograms as screening procedure, 77
- Copper miners, prevalence of pulmonary tuberculosis related to pre-employment radiographs, 385
 — turnover in Wilson's disease, effects of penicillamine and dimercaprol on, 346
- Cor pulmonale, schistosomal, 29
 — with bullous emphysema, follow-up study after surgical resection, 280
- Corn oil, effects on serum lipids in normal active subjects, 107
 — to lower serum cholesterol level in coronary atherosclerosis, 117
- Coronary arteriography with aid of acetylcholine, 319
 — artery disease, haemodynamic effects of aorto-coronary sinus graft operation in, 46
- Coronary artery disease in Japanese at home and abroad, relation to fat content of diet, 117
 — — — presence of pulmonary disease, 45
 — — — incidence in a rural area, 429
 — — — mortality in Eire, 383
 — — — relative significance of heredity, diet, and occupational stress of young adults in, 192
 — — — surgical treatment, clinical evaluation, 45
 — — — insufficiency, characteristics of true- and false-positive results of electrocardiographic Master two-step exercise tests of, 192
 — — —, "daucarin" treatment, 118
 — — —, internal mammary artery implantation for, 46
 — — —, reflex spasm in acute myocardial infarction, 354
 — — — vascular anastomoses by internal mammary artery implantation, 354*
 — — — atherosclerosis, corn oil to lower serum cholesterol level in, 117
 — — — in women, oestrogen replacement therapy, 118
 — circulation, action of aminophylline on, 408
 — thrombosis due to postprandial blood coagulation, 118
 — —, prognosis of myocardial infarction due to, 120
- Corticoids in rheumatic fever, comparison with salicylates and phenylbutazone, 210
- Corticosteroids in chronic ulcerative colitis, indications and contraindications, 186
 —, 16 α -methyl, antirheumatic potencies, 443
- Corticosterone, adrenal, biosynthesis using androgens and oestrogens, 135
 —, effect on synovial tissue *in vitro*, 61
- Corticotrophin, adrenal response to, effect of prednisone on, in normal subjects and in Cushing's syndrome, 285
 —, effect in experimental haemolytic anaemia, 435
 —, — on chloruresis in congestive heart failure resistant or sensitive to mercury, 354
 —, — on healing of experimental gastric ulcer, 81
 — gel administration, plasma and urinary steroid levels after, 439
 — in alopecia, 379, 453
 — — Cushing's syndrome, effect on plasma 17-hydroxycorticosteroids, 134
 — — exfoliative dermatitis, 300
 — — nephrotic syndrome, 360
 — — — in children, survival studies, 130
 — — pneumococcal meningitis of adults, 220
 — — rheumatic fever, follow-up study, 59
 — — Stokes-Adams attacks, 270
 — —, mustine hydrochloride and, in lipoid nephrosis, 438
 — repository preparations, plasma and urinary steroid levels after administration, 439
 — with specific antituberculous therapy in pulmonary tuberculosis, 98
- Corticotrophin-zinc response of urinary 17-hydroxycorticoids as test of adrenal cortical function, 134
- Cortin in partial and total alopecia, 453
- Cortisol, production rate in man, 284
- Cortisone, effect in experimental haemolytic anaemia, 435
 —, — on development of diabetic acidosis, 287
 —, — healing of experimental gastric ulcer, 81
 —, — histamine and 5-hydroxytryptamine levels in rat tissue and on tissue mast cells, 363
 —, eosinopenia induced by, part played by organic and mineral metabolites, 55
 — in chronic asthma in children, comparison with prednisolone, 106
 — — intractable asthma, 344
 — — radiation pneumonitis, 318
 — — — sickness, 394
 — — rheumatic fever, follow-up study, 59
 — — — diseases, principles in general practice, 57
 — — staphylococcal pneumonia in infants and young children, 381
 —, mustine hydrochloride and, in lipoid nephrosis, 438
 —, salicylates and, in rheumatic fever, 57
 — treatment, preoperative, incidence and effect on adrenal cortical function, 286
 — with specific antituberculous therapy in pulmonary tuberculosis, 98
- Cotton workers with byssinosis, pulmonary function in, 313
- Cough suppression, prolonged, by mixture of dihydrocodeinone and phenyltoloxamine, 91
- Coxsackie virus Group B, Type 5, epidemic infection with, clinical and epidemiological aspects, 94
- Croup, cytopathogenic agents from respiratory tract in, 165
- Cryoglobulinaemia, increased blood histamine in, 258
- "Cumertilin", diuretic action in congestive heart failure, 272
- Cushing's syndrome, effect of corticotrophin on plasma 17-hydroxycorticosteroids in, 134
 —, — prednisone on adrenal response to corticotrophin in, 285
 —, —, electroencephalographic study, 131
 —, —, renal function in, 363
 —, —, stimulation and suppression of adrenal cortex function in, 285
- Cyanocobalamin assay in serum in diagnosis of subacute combined degeneration of cord, 64
 — excretion as index of hepatic disorders, correlation with liver function tests, 161
 — in serum in liver disease, 422
 — — — pernicious anaemia in relapse, effect of pteroylglutamic acid on, 356
 — — —, microbiological assay, 198
 —, intestinal absorption in malabsorption syndrome, 181
 —, oral, in pernicious anaemia, reduced effect of prolonged treatment, 435
 — — peptide complex in pernicious anaemia, 276

- Cyanocobalamin, purified intrinsic factor and, in pernicious anaemia, 199
- , radioactive, oral, in pernicious anaemia, followed by refractoriness to potent animal intrinsic factor, 199
 - , radioactive-cobalt-labelled, absorption after subtotal gastrectomy, 355
- Cyclizine in treatment of side-effects of morphine, 92
- Cyclopropane anaesthesia, heart rate and rhythm at normal and elevated end-expiratory carbon dioxide tensions in, 469
- in non-explosive mixture for outpatient anaesthesia, 468
- Cycloserine in drug-resistant pulmonary tuberculosis, 340
- leprosy, 32
 - pulmonary tuberculosis, 99
 - — with cavitation, 255
- Cyst, bronchogenic, and theory of intralobar sequestration, embryological data, 402
- Cysticercosis diagnosis by precipitation reaction, 88
- Cytochrome C content of liver and kidneys in iron deficiency, 33
- Dapsone in leprosy, 31
- “Daranide”, diuretic action, 167
 - “Daucarin” in coronary insufficiency, 118
- Deafness, conductive, in children, 203
- , nerve, a theory of, 52
 - , —, and optic atrophy in diabetes mellitus, 135
- Death from coronary artery disease and myocardial degeneration in Eire, 383
- in London, air pollution and, 383
 - , sudden unexpected, in infancy, post-mortem study and theory as to mechanism, 156
 - , time of, estimation by percentage method for representing fall in body temperature, 234
- Decamethonium iodide, reappraisal, 317*
- Delirium tremens, neurological signs and biochemical disturbances in, 296
- Dental operations, methylpentynol carbamate premedication in, pharmacological and clinical studies, 15
- Deodorant granulomata, zirconium, allergic origin, 223
- Deoxycortone acetate, effect on synovial tissue *in vitro*, 61
- 11-Deoxy-17-hydroxycorticosterone, effect on synovial tissue *in vitro*, 61
- Depression, barbiturate-induced, effect of methyl phenidate hydrochloride on, 389
- , meprobamate with benactyzine in, 297
- Dermatitis, allergic, triamcinolone treatment, 344
- , atopic, basophil leucocytes in, 419
 - , contact, general principles in patch testing, 451
 - , —, in children, 379*
 - , due to penicillin in milk, 169
 - , exfoliative, corticotrophin and prednisone treatment, 300
 - in steel workers in Sheffield, 74
 - , industrial, prognosis, 153
 - , seborrhoeic, in children, pH of skin surface in, 451
 - , triamcinolone treatment, 452
- Dermatology**, 67, 145, 223, 300-1, 379, 451-3
- Dermatomyositis associated with carcinoma of female genital tract, 62
- , intermediary metabolism of phenylalanine and tyrosine in, 138
 - , serum glutamic oxalacetic transaminase in, 62
- Dermatosis, distribution and behaviour of cutaneous nerves in, 67
- , hexetidine treatment, 379
 - in manufacture of glass fibre, 152
 - , mental action and antihistaminic efficacy of phenyltoloxamine in, 223
 - , pustular, tetracycline and nystatin in, 145
- Desacetylmethylcolchicine in acute gout, 208
- Deslanoside, parenteral, in heart failure, 408
- Dextran sulphate treatment, alopecia after, 390
- Dextran-iron complex, intramuscular, in iron-deficiency anaemia, 410
- Diabetes insipidus, electroencephalographic study, 131
- , idiopathic, 403
 - mellitus, *see also* Prediabetes
 - , abnormality of non-esterified fatty acid metabolism in, 56
 - , asymptomatic gastric retention in, 287
 - , carbutamide treatment of outpatients, 56
 - , clinical psychosomatic study, 221
 - , effect of human growth hormone in, after hypophysectomy, 206
 - , epidemiology, 55
 - , heredity in, 70
 - , hyperbilirubinaemia and ABO haemolytic disease of newborn infants of mothers with, 302
 - , hypertension in, 364
 - , hypothalamus in, morphological study, 8
 - , juvenile, bulbar conjunctival vascular bed in, 135
 - , —, effect of carbon-dioxide inhalation on conjunctival vessels, blood pH, and pCO₂ in, 286
 - , —, serum lipids and blood sugar levels in, 206
 - , insulin-dependent, tolbutamide as basic adjuvant in, 366
 - , insulin zinc suspension in, 365
 - , nephropathy, relation of abnormal vascular responses to, 363
 - , —, role of adrenal cortex in, 56
 - , neuropathy, 287
 - , optic atrophy and nerve deafness in, 135
 - , oral phenethylidiguamide treatment, 440
 - , phenylethylidiguamide and its amyl and isoamyl analogues in, 206
 - , radioactive-iodine-labelled insulin in plasma in, 287
 - , renal function tests in, 207
 - , residual cerebral lesions after hypoglycaemia, 207
 - , retinopathy, relation of abnormal vascular responses to, 363
 - , —, role of adrenal cortex in, 56
 - , role of non-precipitating insulin antibodies in, 365
 - , symptoms and clinical aspects, 363
 - , tolbutamide treatment, long-term, 440
- Diabetes mellitus without glycosuria, 286
- Diacetyl monoxime toxicity, 465
- Diamidin in lepromatous leprosy, 342
- “Diamox”, *see* Acetazolamide
- Diaphragm movement in obstructive emphysema, radiological study, 236
- Diarrhoea, summer, of infants and children, enteropathogenic viruses and bacteria in, 404
- Diasone in lepromatous leprosy, 342
- 6-Diazo-5-oxo-L-norleucine in neoplastic disease, pharmacological and clinical studies, 16
- Dichlorphenamide, diuretic action, 167
- Dicoumarol, effect on experimental cerebral infarction, 65
- “Dicurin”, diuretic action in congestive heart failure, 272
- “Dieldrin” poisoning, 314
- Diet, fat in, effect on cholesterol metabolism studied by bile acid secretion, 260
- restriction, effect on blood coagulability in ischaemic heart disease, 271
- Diethylcarbamazine for filariasis carriers, 257
- in tropical eosinophilia, 342, 418
- Diethyleneimine - 2:5:10 - propyloxy - 3:6-benzoquinone, *see* “E39”
- Digestive diseases, adrenocorticotrophin and cortisone treatment, 34*
- disorders in deported persons, 34
- Digitaline, *see* Digitoxin
- Digitalis in intractable heart failure, 272
- preparations, parenteral, clinical comparison, 408
 - requirements of patients selected for mitral valve surgery, 42
- Digitalization, acetyl strophanthidin in evaluation of status of, 39
- Digitoxin, intramuscular, in congestive heart failure, 409
- , parenteral, in heart failure, 408
- Digoxin, intramuscular, in heart disease, 330
- , parenteral, in heart failure, 408
- Dihydrostreptomycin in lepromatous leprosy, 342
- streptococcal endocarditis, short-term treatment, 190
- Diiodolein in tinea capitis, 301
- “Dilantin” in trigeminal neuralgia, 217
- Dimercaprol, effect on copper turnover in Wilson's disease, 346
- Dimethylformamide, toxicology, 386
- Diphenyl thiourea compound in leprosy, 32
- Diphenylhydantoin, effect on peripheral nerves, 248
- D-2:2-Diphenyl-3-methyl-4-morpholino-butyl - pyrrolidine, *see* “R 875”
- Diphtheria, antibacterial immunity in, 10
- antiserum, relative efficacy of intravenous and intramuscular injection, 336
 - , laryngeal, with obstruction, prednisone treatment, 412
 - myocarditis, serum glutamic oxalacetic transaminase in, 251
- Dipipanone induction of controlled respiration, 157
- Discography, cervical, technique, indications, and use in diagnosis of ruptured cervical disk, 318
- Disease in men in seventh decade, 227

- Disinfection of drinking water by combined action of ultrasonic radiation and chemical disinfectants, 459
- Dissociation as guide to developmental assessment, 380
- Distemper, canine, relation to measles, 404
- Dithiazanine, anthelmintic properties, 17
- Diuretics, mercurial, causing nephrosis, 390
- , —, in congestive heart failure compared, 272
- , —, occult myocardial insufficiency, 353
- "Diuril", *see* Chlorothiazide
- "Doriden" poisoning, bemegride treatment with haemodialysis, 389
- Dreams of food and eating, occurrence and meaning, 143
- Ductus arteriosus contraction, post-mortem study, 163
- , —, patent, auscultatory and phonocardiographic findings, 41
- , —, changes in size and shape of heart and pulmonary vessels after closure of, 267
- , —, growth retardation after successful treatment, 112
- , —, in newborn, murmur from, 303
- , —, pulmonary hypertension in, 112
- , —, with congenital aortic valvular disease, 267
- Duodenum atresia, congenital, in newborn, radiological diagnosis, 473
- ulcer, *see* Ulcer
- Dupuytren's contracture, histological study, 403
- Dust of tantalum and niobium, health hazards, 153
- Dye dilution curve in estimating mitral insufficiency, 429
- , —, —, regurgitation, 269
- Dysentery, Sonne, in children, social and health background, 73
- Dyskeratosis follicularis, isolated, 300
- "Dysmaturity" of newborn infants, 302
- Dyspnoea, cardiac, pH, oxygen saturation, and carbon dioxide tension of arterial blood in, 431
- Dystrophia adiposogenitalis, electroencephalographic study, 131
- myotonia, relation to myotonia congenita, 449
- Dystrophy, *see* Muscle dystrophy
- "E 39" in cytostatic treatment of malignant tumours, 333
- malignant disease of blood and other tissues, 249
- Ear drum perforation, plastic repair by myringoplasty, 52
- E.C.H.O. virus infection causing aseptic meningitis, 19
- , —, respiratory, in infants, 94
- , —, Type 9, isolation from cerebrospinal fluid, 20
- viruses in human disease, 404*
- "Ecolid" in essential hypertension, 274
- Eczema, contact, sweat retention in, histopathological study, 452
- , hexetidine treatment, 379
- in children, food allergy and, 419
- Edathamil calcium disodium, *see* Sodium calciumedetate
- Edrophonium chloride, effect on prolonged apnoea after succinylcholine, 468
- EDTA, *see* Sodium calciumedetate
- Effusion, malignant, radioactive colloidal gold treatment, 394
- , pericardial, angiocardigraphic diagnosis, 237
- , pleural, diagnostic parietal pleural biopsy in, 201
- , —, in liver cirrhosis, 347
- , —, malignant, radioactive colloidal chromic phosphate in, 476
- , —, primary tuberculous, repeated aspiration in treatment, 414
- , serous, lactic dehydrogenase activity, clinical significance, 321
- , subdural, in infants, electroencephalographic findings, 292
- Eire, death from coronary artery disease and myocardial degeneration in, 383
- Electrocardiogram, abnormal Q waves, disappearance after myocardial infarction, 45
- in angina of effort, 350
- aortic stenosis, 39
- control of treatment of myxoedema, 54
- left ventricular hypertrophy in infants and children, 40
- — —, reliability, 188
- pulmonary embolism, 40
- heart disease, 266
- recognition of atrial enlargement, 425
- influence of anxiety on, 351
- observer variation in reports on, 266
- of anterior cardiac infarction, influence of ventricular hypertrophy on, 266
- , T-a wave, in adults, an expression of pulmonary emphysema, 40
- Electroencephalogram, abnormal, in atypical syncope, 142
- changes with elevation of blood ammonia level, 139
- during open intracardiac operations with aid of extracorporeal circulation, 38
- effect of oral chlorpromazine on, 373
- in acute carbon monoxide poisoning, 234
- congenital heart disease, 267
- diffuse encephalopathies, significance of periodic synchronous discharges, 291
- endocrine disorders, 131
- epilepsy, activation by "megimide", 217
- pressure hydrocephalus, 395
- unmotivated paroxysmal laughing, 294
- of children, analysis by histogram method, 373
- , photic activation, pattern, stability, and correlates, 291
- prediction of Ammon's horn sclerosis in epileptics, surgical prognostic significance, 142
- Electroencephalography, activating property of bemegride in, 292
- in subdural haematoma and effusion in infants, 292
- Electrokymogram, left atrial, in mitral valve disease, 351
- Electrokymography in diagnosis of, and location of adhesions in, constrictive pericarditis, 111
- Electromyogram in carpal tunnel syndrome, 372
- myxoedema, 132
- schizophrenia, 297
- Electromyography, so-called "myotonic discharges" in, 139
- Electronystagmography in caloric and rotatory tests, 281*
- Electrophoresis, starch block, in study of haemoglobin, comparison with Tiselius method, 400
- Embolism, fat, as complication of traumatic injury, 86
- , pulmonary, electrocardiogram in, 40
- Emphysema, bullous, in cor pulmonale, follow-up after surgical resection, 280
- effect of Valsalva's manoeuvre on, 202
- electric stimulation of breathing in, 215
- , hepato-jugular reflux in, 265
- , localized, histology and pathogenesis, 7
- , obstructive, diaphragmatic movement in, x-ray study, 236
- , pulmonary, chronic, pulmonary arteriosclerosis and thromboembolism in, 402
- , —, —, with chronic bronchitis, bronchiectasis, and bronchial asthma, physical therapy and breathing training in, 445
- , —, comparison of intrapulmonary gas mixing and functional residual capacity in, 437
- , —, effect of salicylates on ventilatory response to carbon dioxide in, 202
- , —, vascular changes in, 243
- , —, with chronic bronchitis, pathological study, 401
- , regional obstructive, in infants, 306
- , T-a wave of electrocardiogram of adults in, 40
- Encephalitis after Asian influenza, psychotic manifestation, 412
- associated with influenza, 334
- , Russian spring-summer, simulating paralytic poliomyelitis, 171
- tremens, 334
- , vaccinal, behaviour of vaccinia virus in, 95
- Encephalography in location of brain tumours, comparison with ventriculography, 159
- Encephalomyelitis, acute, virus vaccine in treatment of disseminated sclerosis, 218
- Encephalopathy, portal-systemic, management, 36
- Endobronchitis, occult tuberculous, in specimens of resected lungs, 401
- Endocarditis, bacterial, right-sided, and endarteritis, clinical and pathological study, 190
- , —, survey of treatment between 1945 and 1956, 191
- , —, vancomycin treatment, 265
- , non-bacterial, experimental study, 81
- , streptococcal, short-term penicillin and dihydrostreptomycin treatment, 190
- , subacute bacterial, oral phenoxymethylpenicillin treatment, 115
- , —, septic, in brucellosis, 114
- Endocardium fibroelastosis, poudrage in treatment, 426
- Endocrine disorders, electroencephalographic study, 131
- Endocrinology**, 54-6, 131-6, 205-7, 284-7, 361-6, 439-40

- 'Endoxan' in malignant tumour treatment, 170
 Enterobiasis, dithiazanine treatment, 17
 Enuresis, persistent, electrical warning apparatus in treatment, 306
 Eosinopenia, cortisone-induced, part played by organic and mineral metabolites in, 55
 Eosinophilia, diethylcarbamazine treatment, 342
 —, tropical, diethylcarbamazine treatment, 418
 Epiglottitis, acute, in children, 305
 Epilepsy, distribution of total body water and of extracellular water in, 294
 —, electroencephalographic investigation, "megimide" as activating agent in, 217
 —, prediction of Ammon's horn sclerosis in, surgical prognostic significance, 142
 — in mental defectives, "nydrane" treatment, 295
 —, Jacksonian, in infants and children, 448
 —, macrocytosis and macrocytic anaemia in, due to anticonvulsants, 124
 — of late onset, analysis of 1,000 cases, 448
 —, phenobarbitone in, new method of administration, 294
 —, refractory, "celontin" treatment, 295
 —, small pneumoencephalograms as screening procedure in study of, 77
 Epistaxis, recurrent, in rheumatic fever, pathogenesis, 209
 Epithelium, respiratory tract, squamous metaplasia of, postmortem study, 163
 Epoxy resins, toxicology, 154
 "Equanil" with benactyzine in depression, 297
 Erythema nodosum in children, changing aetiology, 304
 — leprosum, prognostic significance, 104
 — perstans, hexetidine treatment, 379
 Erythraemia, *see* Polycythaemia vera
 Erythroblastosis foetalis, *see* Haemolytic disease
 Erythrocytosis of calves and ankles of women, radioactive sodium absorption studies, 67
 Erythrocyte(s), catalase activity, in iron-deficiency anaemia, 434
 — coating substance in autoimmune haemolytic disease, 199
 — in urine, determination of urinary peroxidase as routine test for, 82
 — lead content, effect of sodium calciumedetate on, 315
 — loss from gastro-intestinal tract, measurement using radioactive chromium, 123
 — sedimentation rate and C-reactive protein, interrelationship in rheumatic fever, 441
 — —, high, in primary atypical pneumonia, 279
 — —, —, "unexplained", 83
 — survival in sickle-cell anaemia, effect of size of spleen on, 433
 — —, measurement in thalassaemia, 434
 — — studies using radioactive chromium, interpretation, 77
 Erythrocyte volume of premature infants, influence of meat diet on, 455
 Erythromycin and triacetyloleandomycin, serum concentrations and antibacterial effects compared, 411
 Erythropoietic factor of plasma, nature of, 2
Escherichia coli isolated in gastroenteritis, enteropathogenic effects, 405
 — — O127:B₈, rapid identification by fluorescent antibody technique, 87
 "Ethoheptazine" with and without aspirin, methods of evaluation, 248
 Ethoxzolamide, diuretic action in congestive heart failure, 431
 β -Ethyl- β -methylglutarimide, *see* Bemegride
 Ethylene-iminiquinone, intravenous, in tumours and malignant blood diseases, 249
 Ethylstibamine in interstitial plasma-cell pneumonia of premature infants, 148
 Exercise, "cross", electromyographic techniques in study of, 215
 — effect on cholesterol atherosclerosis in rabbits, 2
 —, unilateral, bilateral effects, 445
 Exophthalmos and finger-clubbing in thyroid disease, 439
 Eye muscle surgery, oculo-cardiac reflex in, 75
 Eyelid carcinoma, close-range irradiation, 474
 Faeces, occult blood in, benzidine tests for, clinical comparison, 5
 — — —, detection without dietary restriction, 399
 Farmer's lung, form of pneumoconiosis due to organic dusts, 153
 Fasting, influence on immunological reactions and course of acute glomerulonephritis, 282
 Fat, *see also* Hyperlipaemia; Lipid; Malabsorption; Steatorrhoea
 — absorption, measurement by radioactive-iodine-labelled lipids, 182
 —, dietary, effect on cholesterol metabolism, 107, 260
 —, —, relation to coronary disease in Japanese living at home and abroad, 117
 — embolism complicating traumatic injury, 86
 — emulsion, intravenous, as source of calories, 33
 —, radioactive, excretion in simplified test of pancreatic exocrine function, 4
 Fatty acids, essential, deficiency as cause of infantile idiopathic hypercalcaemia, 303
 — — metabolism, non-esterified, abnormality in diabetes mellitus, 56
 Fernandez test, historical background and nature, 166
 Fibrillation, *see* Arrhythmia
 Fibroelastosis, endocardial, poudrage in treatment, 426
 Ferritin content of blood in nutritional oedema, 345
 Fibrinogen polymerization test in diagnosis of acute pericarditis, 265
 Fibrinolysin in intravascular thromboses, 194
 Fibrinolysis in myocardial infarction, 44
 Fibrositis, morphological and chemical connective-tissue changes in, 7
 Filariasis carriers, diethylcarbamazine treatment, 257
 —, effect of residual insecticides on vectors of *Wuchereria malayi*, 343
 Finger-clubbing, morphological study, 324
 —, pulmonary circulation in, pre-capillary anastomoses and, 38
 — with exophthalmos in thyroid disease, 439
 Flexion-spasm syndrome in infancy, 382, 457
 Fludrocortisone, action on sodium and potassium metabolism in Addison's disease, 439
 Fluorescent test for treponemal antibodies, 26
 Fluoridation of public water supplies, musculo-skeletal diseases and, 151
 "Fluothane", *see* Halothane
 Foetus in maternal rubella, pathological study, 9
 Fog in London, effect on chronic bronchitis, 71
 Folic acid utilization in megaloblastic anaemia due to primidone, 434
 Folliculitis, hexetidine treatment, 379
 Food allergy in children with asthma and eczema, 419
 — — in theory and practice, 419
 — aspiration, 278
 — poisoning due to *Clostridium welchii* in cold chicken, 310
 — — in Russian Socialist Federal Soviet Republic, 231
 — —, staphylococcal toxin, due to fried potatoes, 230
 Foramen magnum tumours, myelographic examination, 236
 Forensic medicine, 156, 234, 316, 464-5
 Framycetin in infantile gastro-enteritis due to *Escherichia coli*, 305
 Frei test in common venereal diseases, 177
 "Frenquel", for acute complications of chronic alcoholism, 450
 Fröhlich's syndrome, electroencephalographic study, 131
 Fruit growing industry, parathion poisoning in workers in, 232
 "Furacin" suppositories in non-gonococcal urethritis, 179
 Galactosaemia, congenital, diagnosis at birth by examination of venous or cord blood, 3
 Gall-bladder, *see* Cholecystitis; Cholecystoangiography; Choleography
 "Gallop rhythm", *see* Arrhythmia
 Gamma-ray irradiation, influence of massive doses on immunogenic properties of enteric bacteria, 245
 Ganglion-blocking agent, oral, long-acting, in hypertension, 329
 Gargoylism, review including occurrence in American negro, 307*
 Gas gangrene organisms, rapid identification, 326
 Gastrectomy in chronic duodenal ulcer, comparison with vagotomy and gastro-enterostomy, 185
 —, partial, hypoglycaemia after, 109
 —, subtotal, radioactive-cobalt-labelled cyanocobalamin absorption after, 355

- Gastro-enteritis, enteropathogenic effects of *Escherichia coli* isolated in, 405
- , epidemic, rapid identification of *Escherichia coli* O127:B₈ by fluorescent antibody technique, 87
- , infantile, due to *Escherichia coli*, 456; framycetin treatment, 305
- , —, serological responses to, 166
- , —, sulphamethoxypyridazine treatment, 169
- , outbreak, appendicitis and acute terminal ileitis in, 108
- Gastroenterology**, 34-7, 108-10, 182-86, 261-4, 347-9, 421-3
- Gastroparesis diabeticorum, 287
- Gene, haemophilic, unusual transmission, 226
- Genetics, medical**, 70, 226
- Gitalin, parenteral, in heart failure, 408
- Glandular fever, *see* Mononucleosis, infectious
- Glass fibre manufacture, dermatoses in, 152
- Globulin, antihemophilic, level in haemophilia, effect of plasma transfusion on, 433
- Glomerulonephritis, *see* Nephritis, glomerular
- Glomus jugulare tumours, 52*
- , —, metastasis from, nomenclature and therapy, 129
- Glucagon, clinical and metabolic effects, 11
- , treatment of insulin reactions, 286
- Glucose clearance, definition and estimation, 361
- , level in blood, comparison of lowering effects of insulin and tolbutamide, 136
- , tolerance and clearance in health and in hypothyroidism and hyperthyroidism, 361
- , effect of thiopentone and adjuvant drugs on, 157
- , late puerperal, of mothers with large infants, 364
- , utilization, peripheral, in dogs, comparison of effects of insulin and tolbutamide on, 365
- Glutethimide poisoning, bemegride treatment with haemodialysis, 389
- Glyceryl trinitrate, *see* Nitroglycerin
- Glycosuria, mechanism of production by glucocorticoids, 362
- Goitre, lymphadenoid, clinico-pathological study, 361
- , —, plasma proteins in, 132
- Gold miners, silicosis in, lung function in, 232
- , radioactive colloidal, in malignant effusions, 394
- , therapy of rheumatoid arthritis, 443, 444
- Gonococcus sensitivity to penicillin, sulphathiazole, and streptomycin, 416
- Gonorrhoea, antibiotic quarantine of, effect in women, 177
- , in Manchester, incidence of repeated infections, 177
- , oral penicillin treatment, 416
- Gout, "colcemide" treatment, 208
- , evaluation of uricosuric agents in, 63
- , intra-articular injection of hydrocortisone in, 441
- , primary, mechanism of hyperuricaemia in, 345
- Gout, tophaceous, prolonged uricosuric treatment, 63
- Granuloma due to zirconium deodorant, allergic origin, 223
- , giant-cell, in regional lymph nodes of carcinoma, 324
- Granulomatosis, Wegener's, pathogenesis, clinical features, and treatment, 436
- Growth hormone, human, effect in hypophysectomized diabetics, 206
- , —, —, man, 206
- , of children of very low birth weight, 148
- , retardation after successful surgery of patent ductus arteriosus, 112
- Haemagglutination tests in rheumatoid arthritis, 213
- Haematology, clinical**, 49-50, 122-5, 197-200, 275-7, 355-7, 432-5
- Haematoma, subdural, in infants, electroencephalographic findings, 292
- Haematopoiesis, cutaneous, during intra-uterine life, 322
- , in bone marrow in chronic benzene poisoning, 233
- Haemochromatosis, idiopathic, iron metabolism during treatment, 33
- Haemoglobin, abnormal, in negroes of Surinam, 49
- , C disease, sickle-cell and homozygous, in Nigerian children, 417
- , D syndromes, clinical, haematological, and genetic characteristics, 123
- , foetal, disappearance in congenital cyanotic heart disease, 350
- , —, hereditary persistence of production and interaction with sickle-cell trait, 434
- , in cord blood, starch-block electrophoretic studies, 400
- , —, thalassaemia, starch-block electrophoretic studies, 400
- , mass of premature infants, influence of meat diet on, 455
- , normal adult, starch-block electrophoretic studies, 400
- , starch-block electrophoresis in diagnosis of sickle-cell trait, 49
- , tolerance in various types of anaemia, 197
- Haemolytic disease, ABO, of infants of diabetic mothers, 302
- , —, autoimmune, erythrocyte coating substance in, 199
- , —, of newborn due to ABO incompatibility, 455; serological diagnosis, 5
- , —, —, induction of labour in management, 455
- Haemophilia, effect of plasma transfusion on level of antihemophilic globulin in, 433
- , gene, unusual transmission, 226
- , "obligatory carriers", genetic implications of tests on, 226
- Haemophilia-like states in girls, 356
- Haemorrhage, gastro-intestinal, due to aspirin, 12
- , intracranial subarachnoid, spontaneous management, 374*
- , occult intestinal, as cause of anaemia in elderly people, 276
- , recurrence from gastric ulcers treated medically, 184
- , subarachnoid, medical management, 294
- Haemorrhage, subcutaneous, in prednisone-treated rheumatoid arthritis, 289
- Haemostasis in congenital heart disease, 356
- Haemothorax and haemopneumothorax, experimental, absorption of blood from pleural cavity in, 397
- Halothane anaesthesia, circulatory and respiratory effects, 469
- , —, clinical experience in 1,408 cases, 317
- , —, experimental and clinical observations, 470
- , —, respiratory studies during, 75
- , —, ventricular tachycardia during, 392
- , —, determination of anaesthetic index of, 76
- , —, inhalers, evaluation, 470
- Hands, sensory disturbances in children with cerebral palsy, 140
- Haptoglobins, genetic mechanism, 70
- Hashimoto's disease, clinico-pathological study, 361
- , —, plasma proteins in, 132
- Hay-fever, local hydrocortisone hemisuccinate sodium treatment, 259
- , "triamcinolone" treatment, 344
- Head injury, severe, role of respiratory insufficiency in mortality from, 140
- Health of men in seventh decade, 227
- Hearing, *see also* Deafness
- , level after severe poliomyelitis, 172
- , of children premature at birth, 380
- Heart, *see also* Angina pectoris; Carditis; Electrocardiogram; Endocarditis; Myocardium; Pericarditis; Phonocardiogram; Radiocardiography
- , block, atrioventricular, complicating acute myocardial infarction, significance, 119
- , —, high-grade, clinical aspects, 188
- , catheter containing photoelectric cell, diagnostic use, 265
- , defect, atrial septal, contour of right atrial wave in, 426
- , —, —, in old age, 189
- , —, —, pulmonary hypertension in, 112
- , —, interatrial septal, sinus venosus type, 114
- , —, ventricular septal, natural history, 42
- , disease, arteriosclerotic, mortality in U.S.A., relation to distribution of population and economic status, 227
- , —, congenital cyanotic, disappearance of foetal haemoglobin in, 350
- , —, —, disorders of haemostasis in, 356
- , —, —, electroencephalographic findings, 267
- , —, —, pulmonary atherosclerosis in, 113
- , —, —, with increased pulmonary flow, pulmonary hypertension in, 112
- , —, dyspnoea due to, *see* Dyspnoea
- , —, hypertensive, hexamethonium in, 193
- , —, —, mortality in U.S.A., relation to distribution of population and economic status, 227
- , —, in children, personality studies, 376
- , —, intramuscular digoxin treatment, 330
- , —, ischaemic, dietary restriction and coagulability of blood in, 271

- Heart disease, mitral, aggravation after pregnancy, 351
- , —, left atrial electrokymograms and pressure pulses in, 351
 - , pulmonary, electrocardiographic diagnosis, 266
 - , respiratory viruses as cause of, 187
 - , distribution and structure of Thebesian veins in, 424
 - , enlargement, atrial, electrocardiographic recognition, 425
 - , right ventricular, in mitral insufficiency, paradox of, 427
 - , failure, chronic congestive, renal adaptations to postural changes in, 431*
 - , congestive, chloruresis in mercury-resistant and mercury-sensitive patients, effect of corticotrophin treatment, 354
 - , —, diuretic actions of acetazolamide and ethoxzolamide in, 431
 - , —, intramuscular digitoxin in, 409
 - , —, latent, revealed by catheterization studies in muscular dystrophy, 375
 - , —, mercurial diuretics in, 272
 - , —, oedema of, chlorothiazide treatment, 14, 91
 - , —, diuretic action of oral amismetradine in, 13
 - , —, hepato-jugular reflux in, 265
 - , —, hypertensive, and hypertensive cardiac overload, blood-pressure reduction in treatment, 193
 - , —, in kyphoscoliosis, 354
 - , —, intractable, digitalis in, 272
 - , —, left ventricular, effect of sublingual glyceryl trinitrate on pulmonary arterial pressure in, 111
 - , —, parenteral digitalis preparations in, 408
 - , —, right, venous pressure in, 47
 - , —, great vessels of, corrected transposition of, 111
 - , hypertrophy, asymmetrical, in young adults, 85
 - , —, left ventricular, in infants and children, electrocardiographic diagnosis, 40
 - , —, —, reliability of electrocardiographic diagnosis, 188
 - , —, ventricular, influence on electrocardiogram of anterior cardiac infarction, 266
 - , infarct, anterior, influence of ventricular hypertrophy on cardiogram, 266
 - , —, humoral production, 241
 - , —, insufficiency, mitral, criteria for surgical correction, 115
 - , —, detection by effects of acutely increased systemic resistance on left atrial pressure pulse, 191
 - , —, ischaemic, fate of internal mammary artery implant in, 193
 - , —, left, catheterization by transbronchial route, 41
 - , —, lesions in rheumatoid disease, 323
 - , —, lung machine, *see* Oxygenator
 - , —, mitral disease, volume variations in left atrium in, angiocardigraphic study, 115*
 - , —, insufficiency, evaluation by dye dilution curve, 429
 - , —, —, paradox of right ventricular enlargement in, 427
- Heart, mitral stenosis, correction by rehinging of septal leaflet, 269
- , —, —, differentiation from mitral regurgitation by bronchoscopic measurement of left atrial pressure, 269
 - , —, —, haemodynamic significance of intrapulmonary septal lymphatic lines in, 160
 - , —, —, long-term prognosis with conservative and surgical treatments, 427
 - , —, —, pulmonary veins in, 160
 - , —, —, recurrence after operation, 43, 115
 - , —, murmur from patent ductus arteriosus in newborn, 303
 - , —, mitral and aortic systolic, differentiation by amyl nitrite, 268
 - , —, oedema, evaluation of oral diuretics in treatment, 410
 - , —, output, influence of cardiac catheterization on, 424
 - , —, measurement by radioactive-iodine-labelled human plasma albumin, 424
 - , —, pulmonary valvular stenosis, end-diastolic filling pressure of right ventricle in presence of, 425
 - , —, —, with normal aortic root, immediate results of transarterial valvotomy, 189
 - , —, shunts, left-to-right, location by transbronchial left-heart catheterization, 425
 - , —, size and shape, changes after closure of patent ductus arteriosus, 267
 - , —, surgery, disposable plastic sheet oxygenator in, 39
 - , —, with aid of extracorporeal circulation, electroencephalogram during, 38
 - , —, tricuspid atresia, 426
 - , —, stenosis, clinical features, 428
- Heat illness on ships in Persian Gulf, 417
- , stress in non-ferrous foundries, 152
- Heinz-body formation with toxic anaemia after salicylazosulphapyridine treatment, 388
- Helminthiasis, chemotherapy, 172*
- Hemiplegia, early, ankle-jerk in, 64
- , tetanizing current as aid in restoring function in, 215
- Heparin treatment, effect on lipoprotein pattern of serum, 44
- Hepatitis, chronic, and hepatic cirrhosis, 263
- , infective, histopathology of central and peripheral nervous systems in, 325
 - , —, prognosis, long-term follow-up study, 336
 - , —, serum prophylaxis in children's institutions, 231
 - , —, neonatal, genetic components, 454
- Hepato-jugular reflux in health, in heart failure, and in emphysema, 265
- Hepato-lenticular degeneration, *see* Wilson's disease
- Hepato-renal syndrome, pathogenesis, 282
- "Hetrazan", *see* Diethylcarbamazine
- Hexachlorane-treated soil, toxicity and palatability of crops grown in, 463
- Hexamethonium in hypertensive heart disease, 193
- , —, recurrent crises of acute pulmonary oedema, emergency valvotomy after, 427
- Hexetidine in dermatoses, 379
- Hexocyclium in peptic ulcer and effect on gastric secretion, 347
- , methosulphate in active duodenal ulcer, 109
- "Hibicon" in epilepsy in mental defectives, 295
- Hiccup, persistent, of reflex origin, radiotherapy, 80
- Hip dislocation, congenital, environmental influences related to aetiology, 149
- Histamine antagonists, review, 406*
- , bronchospasm induced by, in dogs, effect of succinylcholine chloride on, 329
 - , level in rat tissue, effect of cortisone on, 363
 - , raised level in blood in cryoglobulinaemia, 258
- "Histonex", *see* Phenyltoloxamine
- Hodgkin's disease activity, correlation with C-reactive protein level in serum, 357
- , —, complicated by progressive multifocal leucoencephalopathy, 447
 - , —, "endoxan" treatment, 170
 - , —, prognosis, 357
 - , —, radioactive phosphorus treatment, 476
 - , —, radiotherapy, analysis, 79
 - , —, homicide with humane killer, 156, 464
- Homosexuality, cure of, 450
- , male, factual study, 376
- Hookworm infestation, dithiazanine treatment, 17
- , —, piperazine treatment, 105
- Hormone, growth, *see* Growth
- Hospital ward, surgical, spread of staphylococcal infection in, 18
- Humane killer, medico-legal study, 156
- , —, suicide, homicide, and wounding with, 464
- Huntington's chorea, psychiatric manifestations in Queensland, 291
- Hyaline membrane, pulmonary, with rheumatic carditis, 401
- Hyaluronidase activity of urine in different age groups, 4
- Hydatid disease, influence of intermediate host protein on specificity of sheep hydatid fluid antigen in complement-fixation test for, 405
- Hydramnios as signal to physician responsible for newborn infants, 455*
- Hydranencephaly, case history and pathological findings, 457
- Hydrocephalus in Arnold-Chiari malformation, appearance of aqueduct and, 6
- , —, pressure, new encephalographic signs, 395
- Hydrochloric acid poisoning, acute renal failure in, 156
- Hydrocortisone, *see also* Fludrocortisone
- , aerosol in bronchial asthma, 344
 - , effect on synovial tissue *in vitro*, 61
 - , hemisuccinate sodium, local, in hay-fever, 259
 - , in intractable bronchial asthma, 344
 - , —, rheumatoid arthritis, comparison with prednisolone, 290
 - , —, intra-articular injection in joint and soft-tissue disease, 441
 - , —, local injection, untoward effects, 137
 - , —, powder inhalation in chronic asthma, 106
- Hydrophobia, *see* Rabies

- 17-Hydroxycorticoids, normal basal urinary levels in adrenocortical insufficiency, diagnostic implications, 206
- Hydroxydione sodium succinate as basal anaesthetic, 392
- 5-Hydroxytryptamine, effect on intestinal motility, 12
- level in rat tissue, effect of cortisone on, 363
- Hydroxyzine in chronic urticaria, 419
- Hyperbilirubinaemia in newborn infants, complications of, possible relation to ammonia metabolism, 146
- — — — —, influence of light on, 303
- — — — — of diabetic mothers, 302
- Hypercalcaemia crisis due to hyperparathyroidism, 131
- , infantile idiopathic, due to deficiency of essential fatty acids, 303
- Hypercapnia, effect of salicylates on ventilatory response to carbon dioxide in, 202
- Hyperlipaemia, haemolytic anaemia, and jaundice associated with alcoholic fatty liver and cirrhosis, 262
- , idiopathic, genetic mechanism, 226
- , primary, atherosclerosis and, 121
- Hyperoxaluria, primary, aetiology, 181
- Hyperparathyroidism, hypercalcaemic crisis due to, 131
- , magnesium metabolism in, 54
- Hypertension after x-irradiation of kidneys, 48
- , arterial, pentolinium-treated, serum cholesterol in, 196
- , —, urinary excretion of aldosterone in, 274
- , clinico-pathological correlation of renal biopsies with pyelonephritis in, 196
- , diagnosis by nocturnal concentration index of urine, 120
- , diastolic, untreated, prognosis, 47
- due to unilateral renal disease, diagnostic approach to, 48
- , essential, chlorothiazide treatment, 120
- , —, drug treatment, experimental design for evaluation, 13
- , —, "ecolid" treatment, 274
- , —, electrolyte and water excretion after treatment, 274
- , —, pathogenesis, a unified theory, 121*
- , —, retinal changes in, grading and recording, 350
- in rubber workers, blood-pressure levels and, 463
- incidence in diabetes mellitus, 364
- , malignant, clinical course and pathology, 194
- , oral 189c56 treatment, 329
- , "pempidine" treatment, pharmacological and clinical studies, 408
- , pentacynium methylsulphate in, effect on renal circulation, 330
- , pituitary and adrenal glands of elderly mental hospital patients with, 9
- , portal, critical study of concept, 189
- , —, diagnosis by costal intraosseous venography, 108
- , —, splenic venography and intrasplenic pressure measurement, 38
- , —, in systemic scleroderma, 138
- , postnephritic, clinical survey, 360
- , "presidal" treatment, 195

**

- Hypertension, prolonged, of neurogenic origin, experimental induction, 397
- , pulmonary, in congenital heart disease with increased pulmonary flow, 112
- , renal function in, 195
- , vascular deterioration associated with, effect of treatment on, 195
- Hyperthyroidism, *see* Thyrotoxicosis
- Hyperuricaemia in primary gout, mechanism of production, 345
- Hypoadosteronism with otherwise intact adrenal cortical function, 285
- Hypoglycaemia after partial gastrectomy, 109
- , insulin-induced, effect on gastric secretion, 110
- , residual cerebral lesions in diabetics after, 207
- Hypoparathyroidism, tetany due to, electroencephalographic study, 131
- Hypotensive drugs in essential hypertension, experimental design for evaluation, 13
- Hypothermia, deep, in brain surgery, technique, 467
- in experimental ventriculotomy, effect of various anaesthetics on incidence of ventricular fibrillation in, 317
- — neurosurgery, 158
- — paediatric surgery, 158
- — surgical treatment of ruptured intracranial aneurysms, 140
- using air cooling, 467
- Hypothalamus in diabetes mellitus, morphological study, 8
- Hypothyroidism, *see also* Myxoedema
- , glucose tolerance and clearance in, 361
- , induced, possible role in stimulating growth of thyroid cancers, 54
- Hypoventilation syndrome, physiological study, 126
- Hypoxia, *see* Oxygen deficiency
- Hysteria, conversion, in children, 225
- Idiocy, amaurotic, cerebrospinal-fluid and serum enzymes in, 217
- Ileitis, acute terminal, and appendicitis in gastro-enteritis outbreak, 108
- , regional, seromucoids in, clinical significance, 349
- Ileostomy, chemical study, 185
- Immunity, development of, relation between method of treatment and, experimental study, 333
- Impetigo, hexetidine treatment, 379
- Inclusion disease, cytomegalic, in adults, 200
- Industrial medicine**, 74, 151-5, 227-33, 312-15, 383-7, 462-3
- Infants, adenovirus infection in, fatal pneumonia associated with, 412
- , aortic stenosis in, 113
- , flexion-spasm syndrome in, 382, 457
- , gastro-enteritis in, *see* Gastro-enteritis, infantile
- , hypothermia during surgical procedures in, 158
- , idiopathic hypercalcaemia due to deficiency of essential fatty acids in, 303
- infected with newly recognized E.C.H.O./ virus, respiratory symptoms in, 94
- , iron metabolism in, 68
- , Jacksonian epilepsy in, 448

- Infants, left ventricular hypertrophy in, electrocardiographic diagnosis, 40
- mortality due to congenital malformation, epidemiology, 459
- , newborn, ammonia content of venous blood in, 146
- , —, colostrum and milk as sources of antibodies transferred to, 224
- , —, duodenal atresia in, radiological diagnosis, 473
- , —, "dysmaturity" of, 302
- , —, haemolytic disease of, *see* Haemolytic disease
- , —, hyperbilirubinaemia in, ammonia metabolism and, 146
- , —, —, influence of light on, 303
- , —, intestinal obstruction in, air as contrast medium in diagnosis, 237
- , —, lung changes in, pathological study, 454
- , —, murmur from patent ductus arteriosus in, 303
- , —, of diabetic mothers, hyperbilirubinaemia and ABO haemolytic disease in, 302
- , —, physiological "hypochromic" anaemia of, 68
- , —, prolonged jaundice in, genetic components, 454
- , —, respiratory distress in, chest-film findings in, 160
- , —, — minute volume in, 146
- , —, staphylococcal infection in, effect of masking and gowning in nurseries on incidence, 147
- , —, —, route of spread in hospital maternity departments, 147
- , —, tetanus in, 454
- , —, tuberculosis in, 173
- , *Pneumocystis pneumonia* in, 69
- , —, postmature, adrenal changes in, 147
- , —, premature, growth and development in childhood, 148
- , —, influence of meat diet on erythrocyte volume and haemoglobin mass, 455
- , —, interstitial plasma-cell pneumonia in, quinquevalent antimony and aromatic diamidines in, 148
- , —, otological and audiological evaluation in childhood, 380
- , —, phagocytosis in, 68
- , —, respiratory rate and birth weight as guides to survival and need for oxygen therapy, 224
- , —, regional obstructive emphysema in, 306
- , response to poliomyelitis vaccine alone and with other antigens, 72
- , scurvy in, rising incidence, 456
- , staphylococcal pneumonia in, cortisone treatment, 381
- , subdural haematoma and effusion in, electroencephalographic findings, 292
- , sudden unexpected death in, post-mortem study and theory of mechanism, 156
- , summer diarrhoea of, enteropathogenic viruses and bacteria in, 404
- , suppurative pneumonia in, chlor-tetracycline treatment, 381
- , vomiting in, due to torsion of stomach, 149
- , welfare, history, 459*
- with "placental dysfunction syndrome", adrenal changes in, 147
- Infarction, cardiac, anterior, influence of ventricular hypertrophy on cardiogram of, 266

- Infarction, cardiac, humoral production, 241
 —, haemorrhagic cerebral, experimental, relationship between anticoagulants and, 293
 —, myocardial, *see* Myocardium
 Infection, meningococcal, in children, 304
 — resistance, relationship of properdin system to, 398
 —, respiratory, acute, in children, "stosstherapy", 224
 —, —, in infants infected with newly recognized E.C.H.O. virus, 94
 —, —, —, isolation of virus related to chimpanzee coryza agent, 87
 —, staphylococcal, in infants, effect of masking and gowning in nurseries on incidence and carrier rate, 147
 —, —, —, route of spread in hospital maternity departments, 147
 —, —, laboratory diagnosis, 245*
 —, —, spread in surgical ward, 18
 —, streptococcal, mass-culture control programme in Casper, Wyoming, 231
Infectious diseases, 17-20, 94-6, 171-72, 250-1, 334-7, 412
 Influenza A, strain-specific complement-fixation test in antigenic analysis and serological diagnosis, 328
 —, Asian, antibodies, distribution and significance, 384
 —, —, deaths during 1957 epidemic in Great Britain, 171
 —, —, neurological disorders after, 334
 —, —, protective effect of monovalent Asian-strain vaccine against, 71
 —, —, psychoses after, 412
 —, —, psychotic manifestation of encephalitis after, 412
 —, —, respiratory complications, 279
 —, —, —, deaths associated with epidemic in Colorado, 94
 —, —, *Staph. aureus* pneumonia in, 436
 —, —, vaccine, antibody response to, 165
 —, —, —, serological and field trials, 228, 328
 —, encephalitis associated with, 334
 —, epidemic in Dundee, epidemiological, clinical, bacteriological, and pathological study, 171
 —, —, postmortem findings, 243
 —, lung abscess and pneumonia complicating, 436
 —, virus, 1957 Asian strain, pre-epidemic antibody in serum of older persons in Netherlands, 310
 —, —, A, Asian strain, serological studies, 327
 Inhalers for trichloroethylene, chloroform, and halothane, evaluation, 470
 Injury, traumatic, fat embolism as complication, 86
 Insecticides, residual, effect on vectors of *Wuchereria malayi* filariasis, 343
 Insulin antibodies, non-precipitating, 365
 —, —, role in diabetes, 365
 —, coma, *see* Shock therapy
 —, effect on peripheral glucose utilization in dogs, 365
 —, radioactive-iodine-labelled, in plasma of diabetics, 287
 —, reactions, glucagon treatment, 286
 —, zinc suspension in diabetes, 365
 Intelligence levels in cerebral palsied children, 378
 Intervertebral disk, *see* Spine
 Intestines, lesions in closed abdominal injuries, 261
 —, motility, effect of 5-hydroxytryptamine on, 12
 —, obstruction in newborn, air as contrast medium in diagnosis, 237
 Intrinsic factor antibody in serum in pernicious anaemia treated orally, 435
 Iodine metabolism in subacute thyroiditis, 131
 —, radioactive, for paroxysmal supra-ventricular tachycardia in euthyroid patients, 429
 —, —, in thyroid function tests, 205
 Isoniazid in skeletal tuberculosis, 414
 Iridium, radioactive, interstitial implantation in primary bronchogenic carcinoma, 475
 Iron absorption as problem in human physiology, 181*
 —, chelated, therapy, clinical and experimental study, 246
 —, content of bone marrow during rheumatic fever in children, 367
 —, deficiency, cytochrome-C content of liver and kidneys in, 33
 —, —, in rheumatoid arthritis, diagnosis by bone marrow examination, 213
 —, —, dextran complex, intramuscular, in iron-deficiency anaemia, 410
 —, metabolism during treatment of idiopathic haemochromatosis, 33
 —, —, in infancy and problem of physiological "hypochromic" anaemia of newborn, 68
 —, ore miners, pneumoconiosis in, 462
 —, stores in body, methods of estimation in blood disorders, 123
 Irradiation, gamma, influence of massive doses on immunogenic properties of enteric bacteria, 245
 Isoniazid, action *in vitro* on *Myco. tuberculosis*, 93
 —, and *p*-aminosalicylic acid in early primary tuberculosis in children, 21
 —, in lepromatous leprosy, 342
 —, level in blood in pulmonary tuberculosis, clinical implications, 24
 —, prophylaxis, effects on tuberculin response and local lesions after B.C.G. vaccination of adults, 253
 —, —, of human and bovine tuberculosis, 253
 —, —, primary tuberculosis in children, 23
 —, —, tuberculosis, experimental study, 413
 —, pulmonary tuberculosis resistant to, action of 5-bromosalicylhydroxamic acid on, 24
 —, —, treated with, loss of virulence of *Myco. tuberculosis* from, 24
 —, sensitivity of *Myco. tuberculosis*, correlation with catalase activity, 10
 Isoniazidmethanesulphonate in tuberculous meningitis in children, 176
 Isoprenaline, intravenous, in Stokes-Adams disease, 270
 Isopropamide iodide, effect on basal gastric secretion, 11
 Itch, *see* Pruritus
 Ito-Reenstierna test in venereal diseases, 177
 Itsenko-Cushing's disease, renal function in, 363
 Jaundice, *see also* Kernicterus
 —, chronic idiopathic, 37*
 Jaundice, hyperlipaemia, and haemolytic anaemia associated with alcoholic fatty liver and cirrhosis, 262
 Jejunum, bacterial flora in healthy children, and in those with coeliac disease and with fibrocystic disease of pancreas, 304
 —, biopsy in steatorrhoea, 181
 Joint tuberculosis, *see* Tuberculosis, skeletal
 K 17, antithyroid activity, 54
 Keloid, radiotherapy, 394
 Keratoacanthoma, pathological criteria for diagnosis, 301
 Keratosis, senile, biological concept of pathogenesis and diagnosis, 300
 Kernicterus pathogenesis, experimental studies, 2
 Ketobemidone, analgesic properties and addiction liability, 331
 α -Ketonic acids in blood in liver disease, clinical and experimental study, 423
 17-Ketosteroid excretion in obese children before and after weight reduction, 303
 Kidney, *see also* Nephritis, etc.; Pyelonephritis
 —, biopsy, clinico-pathological correlation with pyelonephritis in hypertension, 196
 —, —, in acute glomerulonephritis, 164
 —, —, percutaneous, analysis of 500 cases, 282
 —, calculus, calcium and phosphate metabolism in, 360
 —, circulation in hypertension, effect of pentacynium methylsulphate on, 330
 —, complications of abdominal aortography, 239
 —, disease, phenolsulphonphthalein excretion test in, 53
 —, failure, acute, changes in total body water and extracellular fluid volume in, relation to water and electrolyte excretion, 130
 —, —, complicating liver or biliary tract disease, 282
 —, —, due to poisons and drugs, 156
 —, —, magnesium metabolism in, study by flame spectrophotometry, 130
 —, —, chronic, signs and symptoms, 359
 —, —, pathogenesis of anaemia in, 198
 —, function after burning, 4
 —, —, in acute glomerulonephritis, 283
 —, —, diabetes, 207
 —, —, hypertensive vascular disease, 195
 —, —, Itsenko-Cushing's disease, 363
 —, —, unilateral, in chronic pyelonephritis and renal papillary necrosis, 359
 —, glomeruli in disseminated lupus erythematosus and glomerulonephritis, localization and binding of serum proteins in, 244
 —, in progressive systemic sclerosis, pathological study, 85
 —, insufficiency, chronic, anaemia associated with, 197
 —, —, oedema of, effect of chlorothiazide on, 14
 —, necrosis, papillary, unilateral renal function in, 359
 —, tomography, clinical evaluation, 473

- Kidney tuberculosis, selective angiography in, 238
 —, x-irradiation, hypertension after, 48
 Kimmelstiel-Wilson glomerulonephropathy, occurrence in other diseases than diabetes, 324
 Klinefelter's syndrome, chromatin-positive, in mental defectives, 361
 Knee, abnormal mobility and "drawer" sign in rheumatoid conditions, 60
 —, beat, clinical study and treatment by kneeling, 313, 314
 —, osteoarthritis, intra-articular injection of salicylate compounds in, 290
 —, tuberculosis, intra-articular streptomycin in, 252
 Kveim test, historical background and nature, 166
 Kwashiorkor, liver in, 28, 36, 325
 Kyphoscoliosis, heart failure in, 354
- Labour, anaesthesia in, effect on respiratory minute volume in newborn, 146
 —, induction in haemolytic disease of newborn, 455
 Lactic dehydrogenase activity of serous effusions, clinical significance, 321
 —, in differential diagnosis of cerebrovascular disease and brain tumour, 219
 —, plasma in leukaemia, 277
 Langerhans islets, tolbutamide-induced beta-cell degranulation, pathogenesis, 207
 "Lanoxin", *see* Digoxin
 Larynx carcinoma, epidermoid, radioactive cobalt therapy, 240
 —, preventive block dissection of neck in, 203
 —, papilloma, treatment, 52
 "Latex fixation" test for C-reactive protein, comparison with capillary precipitin method, 82
 —, using whole serum and euglobulin fractions in diagnosis of rheumatoid arthritis, 369
 Laughing, paroxysmal unmotivated, electroencephalographic correlation, 294
 L.E. cell test in serum and serum fractions, leucocyte disk method, 322
 —, simple indirect, with increased sensitivity, 6
 —, factor in serum, new serological methods for detection, 6
 Lead content of erythrocyte and blood proteins, effect of sodium calciumedetate on, 315
 —, encephalopathy, subsequent mental development of children with, type of treatment and, 465*
 —, poisoning, sodium calciumedetate in diagnosis and treatment, 155
 —, retention in liver, effect of sodium calciumedetate on, 315
 Leber's disease, central nervous system in, 84
 Leishmaniasis, localized, of lymph nodes, 180
 Lepromin and tuberculin sensitivity in E. Nigeria, interrelationship, 417
 Leprosy, erythema nodosum in, prognostic significance, 104
 —, lepromatous, treatment with isoniazid and diasone, with isoniazid and dihydrostreptomycin, and with streptohydrazid, 342
- Leprosy, serial biopsy in therapeutic trials, 104
 —, treatment with cycloserine, 32
 —, —, dapsone, 31
 —, —, diphenyl thiourea compound (SU 1906), 32
 —, —, thiacetazone in chaulmoogra suspension, 31
 Leucocyte(s) agglutinins after blood transfusion, 125
 —, alkaline phosphatase activity in leukaemia and leukaemoid reactions, 162
 —, basophil, in blood in urticaria, asthma, and atopic dermatitis, 419
 —, disk method for L.E. cell test in serum and serum fractions, 322
 —, in urine, urinary peroxidase determination as routine test, 82
 Leucoencephalitis, subacute, periodic synchronous discharges in electroencephalogram in, 291
 Leucoencephalopathy, progressive multifocal, complication of chronic lymphatic leukaemia and Hodgkin's disease, 447
 Leukaemia, acute, fever, infection, and host resistance in, 200
 —, with erythroid hyperplasia of bone marrow, 277
 —, alkaline phosphatase in leucocytes in, 162
 —, blood uric acid in, 122
 —, chronic lymphatic, complicated by progressive multifocal leucoencephalopathy, 447
 —, myeloid, "endoxan" treatment, 170
 —, dorsal root ganglia and adjacent nerves, changes in, 324
 —, in children, 458
 —, intravenous ethylene-iminiquinone treatment, 249
 —, lactic dehydrogenase and phosphohexose isomerase plasma levels in, 277
 —, lymphatic, radioactive bismuth treatment, 277
 —, neurological complications, intrathecal amethopterin treatment, 200
 —, —, pathogenesis and management, 122
 —, radioactive phosphorus treatment, 476
 Levallophan, effects of large doses, 470
 —, supplements in anaesthesia, 392
 "Levarterenol", *see* Noradrenaline
 "Levophed", *see* L-Noradrenaline
 Lichen planus of mouth, 183
 "Lidocaine", *see* Lignocaine
 Life expectation among British radiologists, 471
 Lignocaine, intermittent intravenous injection in anaesthesia, 392
 —, intravenous, as supplement to nitrous oxide-thiobarbiturate anaesthesia, 317
 Lipid, radioactive-iodine-labelled, in study of gastro-intestinal disease, 182
 —, serum level in childhood diabetes, 206
 —, —, —, normal active subjects, effect of corn oil on, 107
 Lipoprotein patterns in serum, effects of acute myocardial infarction and of heparin treatment on, 44
 Lipstick causing cheilitis, 451
 Liver, *see also* Hepatitis
 —, alcoholic fatty, jaundice, hyperlipaemia, and haemolytic anaemia associated with, 262
- Liver, biochemical changes in kwashiorkor, 28
 —, cirrhosis, ascitic atrophic, testosterone propionate in high dosage in, 264
 —, —, chlorothiazide control, 262
 —, atrophic, histopathology of central and peripheral nervous systems in, 325
 —, chronic hepatitis and, 263
 —, diffuse interstitial, 325
 —, jaundice, hyperlipaemia, and haemolytic anaemia associated with, 262
 —, lymph stasis in, 9
 —, oedema of, chlorothiazide treatment, 14, 91
 —, pleural manifestations, 347
 —, present-day morphology, 244*
 —, tetanus antitoxin production in, 89
 —, treatment in U.S.S.R., 263
 —, coma, *see* Coma
 —, damage in anaemia in tropics, 105
 —, disease, acute renal failure complicating, 282
 —, cyanocobalamin excretion as index of, correlation with liver function tests, 161
 —, effect of L-arginine on raised blood ammonia levels in, 37
 —, in Jamaican children, 28
 —, α -ketonic acids in blood in, 423
 —, porphyria in, 182
 —, serum cyanocobalamin levels in, 422
 —, glutamic oxalacetic transaminase activity in, 262
 —, fatty, in infantile pellagra and kwashiorkor, 36
 —, function after burning, 4
 —, effect of methylpentynol carbamate on, 15
 —, tests in hepatic amoebiasis, 342
 —, in kwashiorkor, pathological study, 325
 —, insufficiency, neuropsychiatric symptoms in, 347
 —, lead retention in, effect of sodium calciumedetate on, 315
 —, lymphatic network in hepatic venous congestion, 244
 London, air pollution and death in, 383
 Lumbago, lumbar exercises in, 216*
 Lung abscess, comparison of results in 1943-54 with those in 1925-36 and 1933-40, 127
 —, complicating influenza, 436
 —, alveolar lining, properties, function, and origin, 126
 —, carcinoma, bronchiolar-cell, radiological features, 236
 —, combined radiotherapy and nitrogen mustard in, 239
 —, in asbestos miners, epidemiological study, 462
 —, incidence related to tobacco-smoking, motor exhaust fumes, and air pollution, 51
 —, interstitial implantation of radon seeds in, 318
 —, non-resectable, angiocardigraphic identification, 396
 —, palliative treatment by intravenous, intra-arterial, or intracardial radioactive phosphorus, 475
 —, prognosis, 436
 —, spread to brain, 280
 —, statistical data for, 358
 —, supervoltage irradiation and radioactive cobalt in, 240

- Lung changes, perinatal, pathological study, 454
- circulation in finger-clubbing, pre-capillary anastomoses and, 38
 - , "diffusing capacity", measurement in presence of pulmonary disease, 437
 - disease among sisal workers, 74
 - associated with atypical acid-fast bacilli, bacteriology and epidemiology, 385
 - , chronic, sweat analysis in, 82
 - , coexisting coronary heart disease with, 45
 - function in asthma, effects of change of position on, 258
 - — cotton workers with byssinosis, 313
 - — sarcoidosis, 280
 - — silicosis of Witwatersrand gold-miner, 232
 - , infantile, air content and state of expansion, 163
 - , microscopic vascular shunts in, pathological physiology, 402
 - nodule, solitary, 202
 - obstruction in schistosomiasis, 29
 - resection, quinidine prophylaxis of cardiac arrhythmias after, 271
 - , segmental, for bronchiectasis, respiratory function after, 358
 - , secondary lobule, in adults, bronchographic appearance, 472
 - sequestration, review and case reports, 51*
 - surgery, endobronchial anaesthesia with Carlens catheter in, 235
 - tuberculosis, *see* Tuberculosis, pulmonary
 - ventilation and end-tidal carbon dioxide during anaesthesia, 391
- Lupus erythematosus, *see also* L.E. cell
- , complement fixation with cell nuclei and deoxyribonucleic acid in, 62
 - , disseminated, immunological studies, 399
 - , —, localization and binding of serum proteins in renal glomeruli in, 244
 - , —, lymph-node lesions in, 244
 - , —, intermediary metabolism of phenylalanine and tyrosine in, 138
 - , —, systemic, a probable complex autoimmune disorder, 214
 - , —, simple precipitation test for, 214
- Lymph nodes, lesions in rheumatoid disease and in disseminated lupus erythematosus, 244
- , regional, of carcinoma, giant-cell granulomata in, 324
 - , tuberculous, perforation into bronchus, 253
 - stasis in liver cirrhosis, 9
- Lymphadenitis, tuberculous, peripheral, origin in childhood, 97
- Lymphogranuloma venereum in Great Britain, 27
- Lymphoma, alterations in dorsal root ganglia and adjacent nerves in, 324
- , malignant, neurological complications, pathogenesis and management, 122
- Lymphosarcoma, "endoxan" treatment, 170
- Lysol poisoning, acute renal failure in, 156
- Macrocytosis in epileptics due to anti-convulsants, 124
- Macroglobulin level in serum, relation to age, sex, and disease, 398
- Magnesium metabolism in acute renal failure, study by flame spectrophotometry, 130
- — hyperparathyroidism, 54
- Malabsorption, intestinal, diagnostic methods in, 420*
- , —, differential diagnosis with radioactive-iodine-labelled fat and fatty acid, 181
 - syndrome, intestinal absorption of cyanocobalamin in, 181
- Malaria, chemotherapy, 411*
- , chloroquine and amodiaquine treatments compared, 257
 - , falciparum, resistance to weekly administration of pyrimethamine, 28
 - , incidence of sickle-cell trait in, 433
 - , suppressive effect of chloroquine diphosphate, 29
- Malformation, congenital, epidemiology of stillbirths and infant deaths due to, 459
- , —, virus diseases in pregnancy and, 172
- Manganese poisoning, chronic industrial, new data on, 154
- "Mapharsen", local, in trichomonal urethritis in males, 100
 - "Marsilid" in skeletal tuberculosis, 414
 - "Marzine" in treatment of side-effects of morphine, 92
- Master two-step exercise test of coronary insufficiency, characteristics of true- and false-positive results, 192
- Mastoiditis due to *Proteus vulgaris*, 281
- Measles, postmortem studies during incubation period, 402
- , relation to canine distemper, 404
 - , specific cellular changes in fatal cases, 403
- Meat diet of premature infants, influence on erythrocyte volume and haemoglobin mass, 455
- Mecamylamine, hypotensive action and urinary excretion, effect of chlorothiazide on, 167
- in hypertensive heart disease, 193
- Mechlorethamine combined with steroids in treatment of lipoid nephrosis, 438
- "Megimide", *see* Bemegride
- Melanoderma, nephritic, 453
- Melanoma, disseminated, triethylene-phosphoramide treatment, 170
- Ménière's disease, acetazolamide treatment, 281
- Meningism and exanthem associated with vomiting, epidemic outbreak, 228
- Meningitis, aseptic, due to E.C.H.O. virus infection, 19
- , —, incidence of infection with poliomyelitis and other viruses in, 19
 - , —, and poliomyelitis, clinical and laboratory study, 72
 - , —, with exanthem, epidemic in Coventry, 71
 - , pneumococcal, in adults, steroid treatment, 220
 - , pyogenic, due to staphylococcal infection, 447
 - , tuberculous, in children, acoustic and vestibular disturbances after streptomycin treatment, 281*
 - , —, —, isoniazidmethanesulphonate treatment, 176
 - , —, radiological techniques in management, 176
- Meningitis, tuberculous, survival rate in, 21
- Mental deficiency, chlorpromazine treatment, 378
- , —, chromatin-positive Klinefelter's syndrome in, 361
 - , —, epilepsy in, "nydrane" treatment, 295
 - , —, severe, and abnormal amino-acid metabolism, a probable hereditary condition, 107
 - disorder, relation between maternal age at parturition and incidence in offspring, 296
- Mepacrine in rheumatoid arthritis, 444
- Meperidine, *see* Pethidine
- Mephentermine sulphate in shock in myocardial infarction, 119
- Meprobamate with benactyzine in depression, 297
- Meralluride, diuretic action in congestive heart failure, 272
- Mercaptomerin, diuretic action in congestive heart failure, 272
- Mercazolyl, effect on thyroid gland of animals, 133
- "Mercurhydrin", diuretic action in congestive heart failure, 272
- Mercumatilin, diuretic action in congestive heart failure, 272
- Mercury diuretics, *see* Diuretics
- poisoning, acute renal failure due to, 156
- Merethoxylline, diuretic action in congestive heart failure, 272
- Mersalyl causing nephrosis, 390
- Mesenteric vessels, circulatory disorders affecting, 423
- Metabolic rate, basal, in thyrotoxicosis, 132
- Metabolism, 33, 107, 181, 260, 345-6, 420
- , effect of polar night and day on, 345
- Metaplasia, squamous, of respiratory tract epithelium, relation to tobacco-smoking, occupation, and residence, 400
- Methallyl-methyl-aminouracil, *see* Amisometradine
- Methocarbamol, clinical trial, 332
- in neurological and neuromuscular diseases, 331
 - — painful orthopaedic conditions, 332
- 16 α -Methyl corticosteroids, antirheumatic potencies, 443
- Methylamphetamine, phenoglycodol, and phenobarbitone combined, anti-convulsant activity, 332
- 1-Methyl-2-mercatimidazole, effect on thyroid gland of animals, 133
- Methylpentynol carbamate, effect on liver function, 15
- — premedication in dental operations, pharmacological and clinical investigations, 15
 - — susceptibility, clinical aspects, 388
- Microbiology, 10, 87-90, 165-6, 245, 326-8, 404-5
- "Mictine", *see* Aminometradine
- Milk, human, as source of antibodies transferred to newborn infants, 224
- , penicillin in, causing dermatitis, 169
- "Miltown" with benactyzine in depression, 297
- Mitral stenosis, *see* Heart
- Mitsuda test, historical background and nature, 166

- Mongolism, clinico-pathological study of skin in, 145*
- Mononucleosis, infectious, field study, 335
- , —, palatal lesions in, 18
- Morphine, analgesic properties and addiction liability, 331
- , antipruritic effect, 451
- , side-effects, treatment, 92
- Mortality, *see also* Death
- from arteriosclerotic and hypertensive heart disease in U.S.A., relation to distribution of population and economic status, 227
- — bronchitis in England and Wales and in Denmark, 227
- Motor exhaust fumes in relation to lung carcinoma incidence, 51
- Mouth, aphthous ulceration of, treatment, 183
- carcinoma, epidermoid, radioactive cobalt therapy, 240
- , lichen planus of, 183
- , nuclear changes in mucosa in pernicious anaemia, 355
- Mucoprotein fraction of serum, content and composition in haematological disorders, 321
- levels in serum in rheumatic fever of children, 441
- Mucosa folds at cardia as component of gastro-oesophageal closing mechanism, 421
- Mumps, neurological complications, 334
- Muscle dystrophy, catheterization studies indicating latent congestive heart failure in, 375
- , —, distribution of high-energy phosphate in, 375
- , —, Duchenne type, sex ratio of mutation rates of sex-linked recessive genes in, 226*
- — in Northern Ireland, 70*
- , normal and dystrophic, distribution of high-energy phosphate in, 375
- relaxants, abnormal response in carcinomatous neuropathy, 64
- , influence of carbon dioxide on neuromuscular activity, 406
- Mustine hydrochloride combined with steroids in treatment of lipoid nephrosis, 438
- Myasthenia gravis, anticholinesterase intoxication in, oxime treatment, 316
- , —, artificial respiration with Tunnicliffe breathing jacket in, 94
- , —, overtreatment with anticholinesterase compounds, oximes for, 449
- , —, radiotherapy, 159
- , —, thymectomy in, 449
- Mycobacteria, atypical, in human pulmonary disease, 128
- , serological identification using *Myco. tuberculosis* and atypical yellow bacillus strains, 328
- Mycobacterium tuberculosis*, action *in vitro* of streptomycin, isoniazid, and viomycin on, 93
- , —, avian, differentiation from other mycobacteria by neotetrazolium inhibition test, 326
- , —, effect of thiocarbanidin and related compounds on, 169
- , — from isoniazid-treated pulmonary tuberculosis, loss of virulence for experimental animals, 24
- , —, isoniazid sensitivity, correlation with catalase activity, 10
- Mycobacterium tuberculosis* resistant to streptomycin and *p*-aminosalicylic acid, effects of streptovaricin on, in guinea-pigs, 333
- Myelography in examination of tumours of foramen magnum, 236
- Myeloma, multiple, alterations in dorsal root ganglia and adjacent nerves in, 324
- , —, neuropathy of, 372
- , —, radioactive phosphorus treatment, 476
- Myelomatosis diagnosis, electrophoretic analysis of serum and urinary proteins in, 3
- Myelosclerosis, blood uric acid levels in, 122
- Myelosis, megakaryocytic, blood uric acid levels in, 122
- Myocarditis, diphtheritic, serum glutamic oxalacetic transaminase levels in, 251
- Myocardium atrophy in constrictive pericarditis, 164
- degeneration, mortality in Eire, 383
- , establishment of vascular channels by implanting systemic artery into, 271
- infarction, anticoagulant therapy, 119, 431
- — complicated by atrioventricular block, significance, 119
- —, diagnostic aids in, 430
- —, disappearance of abnormal Q waves after, 45
- — due to coronary thrombosis, prognosis, 120
- —, effects on serum lipoprotein patterns, 44
- —, fibrinolysis in, 44
- —, "mild", clinical features and management, 430
- —, reflex spasm of coronary arteries in, 354
- —, serum glutamic oxalacetic transaminase activity in, 43
- — shock, pressor agents for, 119
- insufficiency, occult, mercurial diuretics in treatment, 353
- revascularization by division of internal mammary arteries, 353
- Myopathy, aldolase level in serum in, 64
- Myotonia congenita, relation of dystrophin myotonia to, 449
- Myringoplasty, plastic repair of eardrum perforations, 52
- Myringotomy for acute otitis media in children, audiometric follow-up, 281
- Myxoedema, acroparaesthesia in, clinical and electromyographic study, 362
- , electrocardiographic control of treatment, 54
- , electroencephalographic study, 131
- , electromyogram in, 132
- , pathogenesis, ectopic thyroid tissue in, 284
- , pituitary, pathological changes in, 162
- , primary adult, pathological changes in, 162
- "Nacton" in duodenal ulcer, 261
- Narcolepsy syndrome, 448
- Narcotics, dosage ratio between drugs and antagonists, 247
- National Assistance Act in Britain, compulsory removal of aged and sick from own homes under, 383
- Nelson test, *see* Treponemal immobilization test
- Neomycin in hepatic coma, 37
- "Neostibosan" in interstitial plasma-cell pneumonia of premature infants, 148
- Neotetrazolium inhibition test in differentiating atypical acid-fast bacilli and avian mycobacteria, 326
- Nephritis, *see also* Pyelonephritis
- , acute, mass-culture control programme in Casper, Wyoming, 231
- , chronic interstitial, in children, 382
- , —, morphological manifestations of auto-allergic phenomena in, 85
- complicated by melanoderma, 453
- , glomerular, acute diffuse, in initial stages, physiopathological aspects, 204
- , —, —, effect of fasting on immunological reactions and course, 282
- , —, —, in children, 438
- , —, —, kidney biopsy in, 164
- , —, —, function in, 283
- , —, —, relation between clinical and histological features in, 359
- , —, localization and binding of serum proteins in renal glomeruli in, 244
- , —, persistent hypertension after, 360
- Nephropathy, diabetic, adrenocortical function in, 56
- , —, relation of abnormal vascular responses to, 363
- , glomerular, Kimmelstiel-Wilson, occurrence in other diseases than diabetes, 324
- Nephrosis due to mercurial diuretics, 390
- , lipid, corticotrophin, cortisone, and mustine hydrochloride combined in, 438
- , metaphysial decalcification of bone in, 438*
- , oedema of, chlorothiazide treatment, 14, 91
- Nephrotic syndrome, adrenocorticotrophin and corticoid treatment, 204*
- , —, clinical and histological study, 204
- , —, corticotrophin treatment, 360
- , —, in children, survival with corticotrophin treatment, 130
- Nephrotomography, clinical evaluation, 473
- Nerve blocks, diagnostic and therapeutic, reappraisal, 235*
- , —, epidural, in peripheral vascular disturbance in residual paralysis after poliomyelitis, 250
- Nerves, cranial, recurrent multiple palsies of, 447
- , cutaneous, distribution and behaviour in normal and abnormal skin, 67
- , peripheral, effect of diphenylhydantoin on, 248
- , —, sensory nerve action potentials in patients with lesions of, 446
- Nervous system, central, ground substance of, 291
- Neuralgia, trigeminal, decompression operation in, follow-up study, 375
- , —, phenytoin treatment, 217
- Neuritis, peripheral, in rheumatoid arthritis, 212
- Neurology and neurosurgery, 64-6, 139-42, 217-20, 291-5, 372-5, 446-9
- Neuropathy, carcinomatous, abnormal responses to muscle relaxants in, 64

- Neuropathy, diabetic, 287
 — in rheumatoid arthritis, 60
 —, of multiple myeloma, 372
 Neurosurgery, hypothermia in, 158
 Neurosyphilis, cardiovascular syphilis in, 101
 —, diagnosis, prognosis, and penicillin treatment, 178
 —, electroencephalographic evaluation of treatment, 415
 —, latent, results of treatment and reversal of serological reactions after treatment, 256
 Niacin production of *Myc. tuberculosis* and atypical acid-fast bacilli as means of differentiation, 327
 Niemann-Pick disease, cerebrospinal-fluid and serum enzymes in, 217
 —, clinical review, 260*
 Nikethamide, effect on respiratory minute volume of newborn, 146
 Niobium dust, health hazards from, 153
 "Nisone", see Prednisone
 Nitrofurazone suppositories in non-gonococcal urethritis, 179
 Nitrogen mustard combined with hormones in treatment of lipid nephrosis, 438
 —, derivative "endoxan" in malignant tumour treatment, 170
 —, with radiotherapy in lung carcinoma, 239
 Nitroglycerin and other nitrites in angina pectoris, 167
 —, sublingual, effect on pulmonary arterial pressure in left ventricular failure, 111
 Nitrous oxide anaesthesia, technique of administration without premedication, 157
 —, —barbiturate anaesthesia supplemented by intravenous lignocaine, 317
 —, —inhalation in angina pectoris, 116
 Noradrenaline in arterial walls and its dispersal by reserpine, 273
 —, haemorrhagic shock, mechanism of action, 407
 —, intravenous, in Stokes-Adams disease, 270
 L-Noradrenaline in shock in myocardial infarction, 119
 —, soft-tissue necrosis due to, aetiology and prevention, 247
 Nose, antro-choanal polyps, 281
 —, bleeding, recurrent, in rheumatic fever, pathogenesis, 209
 "Notensil" in schizophrenia, 450
 Novobiocin with and without benzylpenicillin, antibacterial action of plasma after ingestion, 169
 Numbness and paraesthesiae, ischaemic and postischaemic, 139
Nutrition, 33, 107, 181, 260, 345-6, 420
 "Nydrane" in epilepsy in mental defectives, 295
 Nystatin in pustular dermatoses, 145
 Obesity in children, 457*
 —, —, 17-ketosteroid excretion before and after weight reduction, 303
 —, pathogenesis, psycho-physiological investigation, 260
 Oculo-cardiac reflex in eye muscle surgery, 75
 Oedema, acute pulmonary, emergency valvotomy after hexamethonium treatment of recurrent crises, 427
 Oedema, angioneurotic, "triamcinolone" treatment, 344
 —, cardiac, comparison of oral diuretics in, 410
 —, nutritional, ferritin content of blood in, 345
 —, of cirrhosis, nephrosis, congestive heart failure, and chronic renal insufficiency, chlorothiazide treatment, 14, 91
 Oesophagus achalasia, surgical treatment, 35, 182
 —, carcinoma, epidermoid, radioactive cobalt therapy, 240
 —, motility in differential diagnosis of diffuse spasm and achalasia, 34
 —, varices before and after portacaval shunts, radiological study, 395
 Oesophagus-stomach closing mechanism, mucosal folds at cardia as component of, 421
 —, junction in infancy, combined cine-radiographic and manometric study, 421
 —, radiological picture, 108
 Oestrogen replacement therapy in women with coronary atherosclerosis, 118
 Oil, dietary, effect on cholesterol metabolism studied by bile acid secretion, 260
 Old age, haematological aspects, 432
 —, medical condition of men in seventh decade, 227
 Oleandomycin, mode of action, 411
 Oleic acid, radioactive-iodine-labelled, intestinal absorption in health and in steatorrhoea, 420
 Olfactory bulb and tract, senile changes, 85
 Oligophrenia, phenylpyruvic, phenylalanine-poor casein hydrolysate in treatment, 221
 Onchocerciasis, clinical diagnostic and therapeutic aspects, 343
 —, ocular, pathogenesis, 104
 "Orinase", see Tolbutamide
 DL-Ornithine in hepatic coma, 348
 Orotic acid in pernicious anaemia, haematological responses to, 124
 Orthopaedic surgery in cerebral palsy, 150
 Osteoarthritis, intra-articular injection of hydrocortisone in, 441
 —, of cervical vertebrae causing pharyngo-laryngeal disturbances, 370
 —, —knee, intra-articular injection of salicylate compounds, 290
 Osteoarthritis, radiological assessment, 62
 Osteosclerosis, blood uric acid levels in, 122
 Otitis media, acute, in children, myringotomy for, audiometric follow-up, 281
 —, chronic, due to *Proteus vulgaris*, 281
 —, —, plastic reconstruction of sound-conducting mechanism in, prognosis, 52
 —, serous, intramuscular injection of trypsin in, 203
Otorhinolaryngology, 52, 129, 203, 281
 Ouabain, parenteral, in heart failure, 408
 Oxalic acid poisoning, acute renal failure in, 156
 Oximes in treatment of anticholinesterase intoxication, 316, 449, 465
 Oximes, potential toxicity to man, 465
 Oximeter, ear, to measure circulatory changes in light narcosis, 391
 Oxophenarsine hydrochloride, local, in trichomonal urethritis in males, 100
 Oxygen content of blood in pulmonary tuberculosis, 23
 —, deficiency, effect of acetylcholine on pulmonary circulation in, 330
 —, therapy of premature infants, respiratory rate and birth weight as guides to need for, 224
 —, 100%, dangers of administration in hypoventilation syndrome, 126
 Oxygenator, disposable plastic sheet, in open heart surgery, 39
 Oxytetracycline in small doses for common cold, 171
 "Pacatal", pethidine, and amiphenazole mixture to produce "ataralgia", 75
Paediatrics, 68-9, 146-50, 224-5, 302-7, 380-2, 454-8. For details see Children; Infants
 Pain, intractable, intrathecal phenol for, toxic effects, 15
 —, recurrent abdominal, survey of 1,000 children, 305
 Palate lesions in infectious mononucleosis, 18
 Palsy, cerebral, advice service for children, 306
 —, —, aetiological factors and their correlation with various clinical entities, 225
 —, —, clinical study, 382*
 —, —, intelligence levels and, 378
 —, —, orthopaedic surgery in, 150
 —, —, prognosis, 307
 —, —, sensory disturbances in hands of children with, 140
 —, recurrent multiple, of cranial nerves, 447
 Pancreas, fibrocystic disease, in children, bacterial content of jejunum in, 304
 —, —, sweat analysis in, 82
 —, function, exocrine, simplified test using radioactive fat excretion, 4
 —, islets of Langerhans, tolbutamide-induced beta-cell degranulation, pathogenesis, 207
 Papaverine, antipruritic effect, 451
 Papilloma, laryngeal, treatment, 52
 Papillomatosis, relation to carcinoma, 86
 Paraesthesiae and numbness, ischaemic and postischaemic, 139
 Paraffin wax bath, evaluation as thermotherapy, 371
 Paralysis, see also Palsy
 —, agitans, chemopallidectomy for, follow-up studies, 374
Parasitology, 10, 87-90, 165-6, 245, 326-8, 404-5
 Parathion poisoning in workers in fruit-growing industry, 232
 Parathyroid, see Hyperparathyroidism
 Paratyphoid, rapid isolation of *Salmonella* from blood by membrane-filtration, 165
 Parkinsonism, Ciba 10870 treatment, 295
 —, during schizophrenia, disappearance after leucotomy, 298
 —, thyrotoxicosis in, 284
 Paronychia, hexetidine treatment, 379

- Parotid gland enlargement, asymptomatic, probably due to protein deficiency, 108
 — lesions, diagnosis and treatment, 474
 Parotitis, neurological complications, 334
 PAS, *see* *p*-Aminosalicylic acid
 Patch testing, histopathological study, 452
 — in contact dermatitis, general principles, 451
Pathology, 1-9, 81-6, 161-4, 241-4, 321-5, 397-403
 Pellagra, infantile, fatty liver of, 36
 Pelvis tumours, venographic diagnosis, 320
 "Pempidine" in hypertension, 408
 Penicillin and chloramphenicol, combined, antibacterial action of plasma after ingestion, 411
 —, continuous, in prevention of recurrences of rheumatic fever, 210
 — G, *see* Benzylpenicillin
 — in bronchitis, 127
 — — cardiovascular syphilis, 101
 — — milk causing dermatitis, 169
 — — neurosyphilis, 178
 — — streptococcal endocarditis, short-term treatment, 190
 — inhalation from environment, relation to development of penicillin-resistant *Staph. aureus*, 16
 —, long-acting, sensitivity to, 93
 —, oral, in gonorrhoea, 416
 —, —, prophylaxis in rheumatic fever epidemic, 58
 — sensitivity of gonococci, 416
 — — *Staph. aureus*, relation to virulence, 10
 — V, *see* Phenoxymethylpenicillin
 Penicillamine, effect on copper turnover in Wilson's disease, 346
 Pentachlorophenol, hazards from use in tropics, 387
 Pentacynium bis-methylsulphate in hypertension, 195
 — methylsulphate, effect on renal circulation in hypertension, 330
 Pentaerythritol tetranitrate in angina pectoris, comparison with aminophylline and dihydroxypropyltheophylline, 46
 Pentamidine in interstitial plasma-cell pneumonia in premature infants, 148
 Pentolinium in hypertensive heart disease, 193
 Periarthritis nodosa, intermediary metabolism of phenylalanine and tyrosine in, 138
 —, so-called cutaneous type, 145*
 Periarthritis, scapulo-humeral, chymotrypsin treatment, 368
 Pericarditis, acute, fibrinogen polymerization test in differential diagnosis, 265
 —, constrictive, definitive diagnosis by angiocardiology, 78
 —, —, electrokymographic diagnosis and location of adhesions, 111
 —, —, myocardial atrophy of, 164
 —, serum glutamic oxalacetic transaminase activity in, 425
 Peroxidase determination in routine examination of urine for erythrocytes and leucocytes, 82
 Perphenazine control of postoperative vomiting, 75
 — in chronic psychoses, 144
 Perphenazine in prevention of post-operative vomiting, 393
 Personality, neurophysiological studies, 297
 — of children with asthma and with cardiac conditions, 376
 Pertussis immunization, neurological complications, 336
 Pesticide (parathion) poisoning in fruit-growing industry, 232
 Pethidine, amiphenazole, and "pacatal" mixture to produce "ataralgia", 75
 — supplementation in anaesthesia, 235, 392
 Phaeochromocytoma diagnosis, pitfalls in, 134
 Phagocytosis in premature infants, 68
Pharmacology, 11-15, 91-2, 167-8, 246-8, 329-32, 406-10
 Pharyngo-laryngeal disturbances due to spondylitis, 370
 Phenethylguanide in diabetes, 440
 Phenobarbitone in epilepsy, new method of administration, 294
 —, methylamphetamine, and phenoglycodol combined, anticonvulsant activity, 332
 Phenoglycodol, phenobarbitone, and methylamphetamine combined, anticonvulsant activity, 332
 Phenol, intrathecal injection for intractable pain, toxic effects, 15
 Phenolic compounds in rheumatic fever, 58
 Phenolsulphonphthalein excretion test in renal disease, 53
 Phenothiazine derivatives, *see also* "Pacatal"
 —, effect on thiobarbiturate narcosis, 92
 — — in anaesthesia compared, 235
 — — — psychotic states, 144
 Phenoxymethylamine for chilblains, 67
 Phenoxymethylpenicillin in pneumococcal pneumonia, 279
 — subacute bacterial endocarditis, 115
 Phenylalanine, diet deficient in, effect on phenylketonuria, 143
 —, intermediary metabolism in diffuse collagen diseases, 138
 — poor casein hydrolysate in phenylpyruvic oligophrenia, 221
 Phenylbutazone in rheumatic fever, comparison with corticoids and salicylates, 210
 Phenylephrine, intravenous, in Stokes-Adams disease, 270
 Phenylethylguanide and its amyl and isoamyl analogues, hypoglycaemic actions, 206
 Phenylhydrazine poisoning, acute, clinical features, 463
 Phenylketonuria, dietary treatment, 144
 —, effect of phenylalanine-deficient diet on, 143
 Phenyltoloxamine and dihydrocodeinone for prolonged suppression of cough, 91
 —, mental action and antihistaminic efficacy in pruritic dermatoses, 223
 Phenytoin in trigeminal neuralgia, 217
 Phonocardiogram in patent ductus arteriosus, 41
 Phosphatase, alkaline, in leucocytes in leukaemia and leukaemoid reactions, 162
 Phosphate, high-energy, distribution in normal and dystrophic muscle, 375
 — metabolism in patients with renal calculi, 360
 Phosphohexose isomerase level in plasma in leukaemia, 277
 Phosphorus, radioactive, in leukaemia, 476
 —, —, — lymphoma, 476
 —, —, — polycythaemia, 355
 —, —, — vera, 49, 122, 476
 —, —, — thrombocythaemia, 356
 —, —, intravenously, intra-arterially, or intracardially, in palliation of lung carcinoma, 475
 —, —, topical application for superficial skin carcinoma and keratoses, 476
 N-Phthalyl glutamic acid imide, antithyroid activity, 54
Physical medicine, 215-16, 371, 445
 Piperazine in hookworm infestation, 105
 — and male fern in expulsion of tapeworms, 105
 Pituitary of elderly mental hospital patients with and without hypertension, 9
 Plasma, *see* Blood
 Plasmin in intravascular thromboses, 194
Plasmodium falciparum resistance to pyrimethamine given at weekly intervals, 28
 Pleura biopsy, diagnostic parietal, in pleural effusion, 201
 Pleurisy, tuberculous, treatment, 98
 —, —, with effusion, prognosis in children, 339
 Plombage, extraperiosteal, in pulmonary tuberculosis, 413
 Pneumoconiosis, diatomaceous earth, coalescent lesion of, 312
 — in farmers due to organic dusts, 153
 — — iron-ore miners, 462
 Pneumoencephalogram, 24-hour, in diagnosis of cortical atrophy, 160
 Pneumoencephalography as screening procedure in study of convulsive disorders, 77
 Pneumomediastinography, retrosternal, in diagnosis of intrathoracic tumours, 395
 Pneumonecctomy, quinidine prophylaxis of cardiac arrhythmias after, 271
 Pneumonia complicating influenza, 436
 —, fatal, in infants and young children, associated with adenovirus infection, 412
 — in children, "stosstherapy", 224
 —, interstitial, microscopical criteria, 163
 —, — plasma-cell, in premature infants, quinevalent antimony and aromatic diamidines in, 148
 —, —, and *Pneumocystis carinii*, 149
 —, non-tuberculous, complicating pulmonary tuberculosis, 174
 —, pneumococcal, oral phenoxymethylpenicillin treatment, 279
 —, *Pneumocystis*, in infant, 69
 —, primary atypical, high erythrocyte sedimentation rates in, 279
 —, staphylococcal, in infants and young children, cortisone treatment, 381
 —, —, — 1957 epidemic of Asian influenza, 436
 —, suppurative, in infants, chlor-tetracycline treatment, 381

- Pneumonitis, radiation, cortisone treatment, 318
- Pneumothorax, artificial, with chemotherapy in pulmonary tuberculosis, 254
- , spontaneous, review of cases, 51
- Polio-myelitis antibodies in vaccinated and unvaccinated children in an epidemic area, 461
- , artificial respiration with Tunnicliffe breathing jacket in, 94
- , aseptic meningitis and, clinical and laboratory study, 72
- , chronology of circulatory changes in, 335
- , epidemiology of first epidemic in Jamaica, 460
- , outbreak in small urban community, 461
- , paralytic, due to Type-1 virus, possible protective effect of previous Type-2 infection, 88
- , —, hearing level after, 172
- , —, influence of previous active immunization on presence of polio-myelitis virus in stools and pharynx of family contacts, 230
- , —, simulated by illness caused by virus of Russian spring-summer encephalitis, 171
- , pathogenesis and immunization, problems in, 18
- , peripheral vascular disturbance with residual paralysis after, epidural block for, 250
- , respiratory failure in, tank artificial respiration in, 250
- , serological epidemiology in central Scotland, 151
- , vaccination with live attenuated virus in Belgian Congo and Ruanda-Urundi, 460
- , vaccine, alone and with other antigens, response of young infant to, 72
- , —, British, antibody response of children with naturally occurring antibody, 229
- , —, efficacy in Minnesota, 1955-6, 229
- , —, formalinized, efficacy of oral and intradermal administration, 460
- , —, number of injections for effective and durable immunity, 309
- , virus infection, incidence in aseptic meningitis, 19
- , —, isolation from faeces of home contacts, 230
- , —, studies in central Scotland, 152
- , with paralysis of swallowing, control of artificial respiration in, 20
- Pollen antigen solutions, instability, 106
- Polyarteritis nodosa, acute, plasma cells in arterial lesions in, 8
- Polycythaemia, blood uric acid levels in, 122
- , radioactive phosphorus treatment, 355
- , vera, mucoprotein fraction of serum in, 321
- , —, radioactive phosphorus treatment, 49, 122, 476
- Polyp, adenomatous, and polypoid carcinoma of large intestine, 325
- , antro-choanal, 281
- , colonic, detection by high-voltage spot-compression technique, 237
- Polythionate in detection and determination of protein in urine, 4
- Porphyria, current concepts, 346*
- Porphyria in liver diseases, clinical studies, 182
- "Posedrine" in epilepsy in mental defectives, 295
- Potassium level in serum, changes in respiratory acidosis, 128
- , metabolism in Addison's disease, action of fludrocortisone and aldosterone on, 439
- Potatoes, fried, staphylococcal toxin food-poisoning due to, 230
- Poudrage in endocardial fibroelastosis, 426
- Prediabetes, late puerperal glucose tolerance of mothers with large babies, 364
- Prednisolone aerosol in bronchial asthma, 344
- , in chronic asthma in children, comparison with cortisone, 106
- , —, rheumatoid arthritis, comparison with hydrocortisone, 290
- , powder inhalation in chronic asthma, 106
- Prednisone, effect on adrenal responsiveness to corticotrophin in normal subjects and in Cushing's syndrome, 285
- , in exfoliative dermatitis, 300
- , —, idiopathic thrombocytopenic purpura, 275
- , —, intractable bronchial asthma, 344
- , —, laryngeal diphtheria with obstruction, 412
- , —, rheumatoid arthritis, subcutaneous haemorrhages after, 289
- Pregnancy, *see also* Labour
- , aggravation of mitral heart disease after, 351
- , mitral valvotomy and, 191
- , outcome, effects of untreated syphilis on, 103
- , rubella in, pathological study of foetus, 9
- Prematurity, *see also* Infants, prematurity
- , ABO blood groups in relation to, 68
- Premedication, historical review and action of drugs used, 235
- , in dental operations, methylpentynol carbamate for, pharmacological and clinical investigations, 15
- "Preparation 17581" in schistosomiasis, 31
- "Presidal" in hypertension, 195
- Primaquine in rheumatoid arthritis, 444
- Primidone-induced megaloblastic anaemia, folic acid utilization in, 434
- "Probanthine", *see* Propantheline
- Propantheline administration to reduce motility of stomach and duodenum before x-ray examination, 78
- , long-acting form, effect on gastric acidity, 184
- Properdin system, relationship to resistance to infection, experimental study, 398
- Propionyl atropine methyl nitrate, action on gastric function, 406
- , —, —, pharmacological studies, 406
- Prostatitis in ankylosing spondylitis, Reiter's disease, and rheumatoid arthritis, 213
- Prostato-vesiculitis, incidence in rheumatic disorders in males, 368
- Protein, blood, lead content, effect of sodium calciumedetate on, 315
- , —, polarographic study before and after x-irradiation, 394
- Protein, C-reactive, and erythrocyte sedimentation rate, interrelationship in rheumatic fever, 441
- , —, in carcinoma, 161
- , —, "latex-fixation" test for, comparison with capillary precipitin method, 82
- , —, level in serum, correlation with Hodgkin's disease activity, 357
- , deficiency probably causing asymptomatic enlargement of parotid glands, 108
- , of plasma in thyroid disease, 132
- , serum, localization and binding in glomeruli of kidney in disseminated lupus erythematosus and glomerulonephritis, 244
- , —, and urinary, electrophoretic analysis in diagnosis of myelomatosis, 3
- , urinary, colorimetric test for, 5
- , —, detection and determination by polythionate, 4
- Proteinuria, colorimetric test, technique and assessment, 241
- , paper strip test, laboratory trial, 242
- Proteus vulgaris*, chronic otitis media and mastoiditis due to, 281
- Pruritus, comparison of morphine and papaverine for, 451
- , mental action and antihistaminic efficacy of phenyltoloxamine in, 223
- , perineal, transvestism and, 296
- Psittacosis, passive haemagglutination reaction for, 10*
- Psoriasis, triamcinolone treatment, 452
- Psychiatry**, 143-4, 221-2, 296-9, 376-8, 450
- , determination of sedation threshold as diagnostic test in, 377
- Psychopathic personality, present ideas on, 143
- Psychosis after Asian influenza, 412
- , chlorpromazine and insulin coma in, 290
- , chronic, phenothiazine derivatives in, 144
- Psychosomatic literature in Germany since 1945, 221*
- , medicine, critical evaluation of research problems in, 376
- , research, psycho-analytical contributions to, 221
- Psychotomimetic drugs, review, 410*
- Pteroylglutamic acid, effect on serum cyanocobalamin concentration in pernicious anaemia in relapse, 356
- Public health**, 71-3, 151-5, 227-33, 308-11, 383-7, 459-61
- Purpura, hereditary, classification and clinical features, 432
- , idiopathic thrombocytopenic, prednisone treatment, 275
- , non-thrombocytopenic, clinical and pathological findings, 452
- , thrombocytopenic, due to quinidine sulphate, 197
- , thrombotic thrombocytopenic, review, 357*
- Pyelonephritis, clinico-pathological correlation with renal biopsies in hypertension, 196
- , diagnostic urinary findings, 204
- , unilateral renal failure in, 359
- Pyoderma gangrenosum with syndrome of ulcers, vesicles, and arthritis, 223
- Pyridine, maximum permissible concentration in reservoir water, 459

- Pyridine-2-aldoxime methiodide in alkylphosphate poisoning, 386
 — toxicity, 465
 Pyrimethamine resistance of *Plasmodium falciparum* with weekly administration, 28
- Quinacrine in rheumatoid arthritis, comparison with chloroquine, 290
 Quinidine action, interpretation from intracellular potentials of single cardiac fibres, 331
 — prophylaxis of cardiac arrhythmias after pulmonary resection, 271
 — sulphate causing thrombocytopenic purpura, 197
- "R 875", central analgesic action, applications in neurology, 168
 Rabies immunization by high-egg-passage Flury vaccine, 89, 90
 — neutralizing antibody response to serum and vaccine inoculations in non-exposed persons, 90
 — prevention by local treatment of wounds, 95
 — treatment, experimental evaluation, 95
 Radiation, *see also* X-irradiation
 —, atomic, effect on brain, 84
 —, ionizing, early clinical effects, 462
 —, —, haemolytic effect and relation to haemorrhagic phase of radiation injury, 77
 —, pneumonitis, cortisone treatment, 318
 —, sickness, cortisone treatment, 394
 —, effect of temperature on course, 472
 —, ultrasonic, *see* Ultrasonic
 Radiocardiography, inhalation, 266
 Radiography, mass, in tuberculosis case-finding, 338
 Radiologists, expectation of life and mortality from cancer in Britain, 471
 Radiology, 77-80, 159-60, 236-40, 318-20, 394-6, 471-6
 Radon seed implantation in primary bronchogenic carcinoma, 475
 —, —, interstitial, in lung carcinoma, 318
 Raynaud's phenomenon in women and girls, 48
 —, —, sympathectomy in, 196
 —, —, trophic changes, clinical differentiation from true scleroderma, 145
 Rectum biopsy in ulcerative colitis, 186
 — carcinoma in ulcerative colitis, 349
 Regurgitation, mitral, estimation by dye dilution curves, 269
 Rehabilitation after amputation of both legs, 371
 — in arthritic diseases, follow-up study, 216
 — of hemiplegics, tetanizing current in, 215
 Reiter's syndrome and arthritis associated with urethritis, radiological changes in, 238
 —, —, clinical course, 179
 —, —, in women, 59
 —, —, prostatitis in, 213
 —, —, radiological aspects, 238
 Relaxation, disturbed, of limbs, 446
 Reserpine, cardiovascular effects, 408
 Resin, epoxy, toxicology, 154
- Respiration, artificial, control in poliomyelitis patients with paralysis of swallowing, 20
 —, —, with Tunncliffe breathing jacket in poliomyelitis and myasthenia gravis, 94
 —, controlled, induction by dipipanone, 157
 —, electric stimulation in chronic lung disease, 215
 —, intermittent positive-pressure, and curarization in severe tetanus, 251
 —, —, modification of bronchoscope to permit, 278
 —, positive-pressure, effects on ventilation and perfusion, 466
 —, tank artificial, in respiratory paralysis in poliomyelitis, 250
 — training, methods in chronic bronchopulmonary disorders, 445
 Respiratory disease, air pollution and other local factors in, 383
 —, —, environmental factors in, 202*
 —, distress, neonatal, chest-film findings in, 160
 —, function after segmental resection of lung for bronchiectasis, 358
 —, mechanism, effect of smoking on, 201
 —, minute volume of newborn, 146
 —, rate and birth weight of premature infants as guides to their survival and need for oxygen therapy, 224
 —, system, 51, 126-8, 201-2, 278-80, 358, 436-7
 —, tract epithelium, squamous metaplasia of, postmortem study, 163
 —, —, —, relation to tobacco smoking, occupation, and residence, 400
 —, —, giant-cell granuloma of, pathogenesis, clinical features, and treatment, 436
 —, —, in acute laryngo-tracheal bronchitis, isolation of cytopathogenic agents from, 165
 —, —, infection, family studies, 72
 —, —, upper, bacterial flora in Paddington families, 326
 Reticulin and collagen, differences in fine structure as revealed by polarizing microscope, 8
 Reticuloses, neurological complications, 372
 Retina changes in essential hypertension, method of grading and recording, 350
 Retinopathy, diabetic, adrenal cortical function in, 56
 —, —, relation of abnormal vascular responses to, 363
 Rheumatic diseases, 57-63, 137-8, 208-14, 288-90, 367-70, 441-4. *See also* Arthritis, rheumatoid; Carditis, rheumatic; Spondylitis
 —, —, cortisone treatment in general practice, 57
 —, —, in males, incidence of prostatovesiculitis in, 368
 —, —, meprobamate treatment, evaluation, 57*
 —, —, rehabilitation in, 216*
 —, —, streptococcal antibodies in, 208
 —, —, underwater exercises in, 216
 —, fever, cellular hypersensitivity in, tissue-culture studies, 209
 —, —, changes in recurrence rate during years 1936-56, 209
 —, —, chemotherapy with phenolic compounds, 58
- Rheumatic fever, continuous penicillin treatment in prolonged systematic prevention of recurrences, 210
 —, —, cortisone and corticotrophin treatment, follow-up study, 59
 —, —, —, salicylate treatment, 57
 —, —, epidemic, prophylaxis with oral penicillin, 58
 —, —, histochemical investigation of connective tissue in, 7
 —, —, hormone, salicylate, and phenylbutazone treatments compared, 210
 —, —, in children, *see* Children
 —, —, —, U.S. Air Force recruits, epidemiology and clinical picture, 58
 —, —, mass-culture control programme in Casper, Wyoming, 231
 —, —, prevention, five-year study, 367
 —, —, prophylaxis, historical review and controlled studies, 57
 —, —, recurrent epistaxis in, pathogenesis, 209
 —, —, relation between C-reactive protein and erythrocyte sedimentation rate in, 441
 —, —, resorption of radioactive sodium from an intradermal depot in, 288
 —, —, tonsillitis and, 368
 Rheumatoid arthritis, *see* Arthritis, rheumatoid
 —, factor, interaction with antigen-antibody complexes and gamma globulins, 442
 —, —, —, gamma-globulin component in precipitin and haemagglutination reactions, 442
 —, —, isolation from serum in rheumatoid arthritis, 137
 —, —, qualitative precipitation reaction for detection of, 60
 Rhinitis, allergic, "triamcinolone" treatment, 344
 Rickets, vitamin-D-resistant, emergence at puberty, 70*
 —, —, primary hypophosphataemic familial, 346
 Rickettsia burneti, survival in water and methods of sterilization, 228
 Ringworm, *see* Tinea
 "Robaxin", *see* Methocarbamol
 "Rolicton", *see* Amisometradine
 Rose bengal, radioactive, in differential diagnosis of biliary-tract obstruction, 264
 Rubber workers, blood-pressure levels and incidence of hypertension in, 463
 Rubella in pregnancy, effect on dental development of foetus, 400
 —, —, pathological study of foetus, 9
- Salicylates and cortisone in rheumatic fever, 57
 —, —, non-hormonal antirheumatic drugs, possible basis for anti-inflammatory activity, 57*
 —, effect on adrenocortical function, 208
 —, in rheumatic fever, comparison with corticoids and phenylbutazone, 210
 —, intra-articular injection in osteoarthritis of knee, 290
 —, poisoning by, experimental, effect of acetazolamide and bicarbonate in, 388
 Salicylazosulphapyridine treatment, toxic anaemia with Heinz-body formation after, 388

- Saliva suppression, comparison of anticholinergic and sedative-antihistamine drugs in, 11
- Salivary gland lesions, diagnosis and treatment, 474
- Salmonella organisms, rapid isolation from blood by membrane-filtration in typhoid and paratyphoid, 165
- Salmonella typhosa*, influence of massive doses of gamma rays on immunogenic properties, 245
- Sarcoidosis, circulating antibodies in, 405
- , immunological aspect, 90
- , pulmonary function in, 280
- Schistosomiasis, Mansonian, pathogenesis, 30
- , "Preparation 17581" treatment, 31
- , pulmonary: clinical, pathological, and physiological investigation, 29
- Schizophrenia, acepromazine maleate treatment, 450
- , atypical Parkinsonism during, disappearance after leucotomy, 298
- , biochemical aspects, 222*
- , chronic paranoid, treatment, 222
- , electromyographic study, 297
- , insulin coma treatment, 299
- , phenothiazine derivatives in, 144
- , prognostic value of clinical picture and therapeutic value of physical treatment, 222
- , "social class" gradient in, 298
- Schultz-Dale test for detection of specific antibodies in sera of patients with carcinoma, 161
- Scleroderma, differentiation of trophic changes of Raynaud's phenomenon from, 145
- , diffuse, intermediary metabolism of phenylalanine and tyrosine in, 138
- , systemic, with portal hypertension, 138
- Sclerosis, disseminated, acute encephalomyelitis vaccine treatment of, 218
- , —, in children, clinical study, 307
- , progressive systemic, pathological study of kidney in, 85
- , —, review, 214*
- Scurvy, infantile, rising incidence, 456
- Sedation threshold determination as diagnostic test in psychiatry, 377
- Seromucoid in regional ileitis and ulcerative colitis, clinical significance, 349
- Sex, genetic, discrepancies in cytological diagnosis by different methods, 162
- Shigella paradyserteriae*, influence of massive doses of gamma rays on immunogenic properties, 245
- Shigellosis, febrile convulsions in, 250
- Shock, anaphylactic, nervous system and, 258
- , haemorrhagic, mechanism of action of noradrenaline in, 407
- , in myocardial infarction, pressor agents for, 119
- , therapy, insulin, and chlorpromazine in psychosis, 299
- , —, in schizophrenia, effectiveness, 299
- , —, protracted coma in, management, 378
- Sialography, technique, 320
- Sickle-cell disease, *see* Anaemia, sickle-cell
- , trait, incidence in malaria and ankylostomiasis, 433
- Sickle-cell trait, interaction of hereditary persistence of foetal haemoglobin development with, 434
- "Sigmamycin" in non-specific urethritis, 256
- Silicic acid toxicity, 314
- Silicosis, experimental, Compound 48/80 treatment, 313
- , in gold-miners, lung function in, 232
- Sisal workers, lung disease in, 74
- Skin carcinoma, superficial, application of radioactive phosphorus to, 476
- , distribution and behaviour of nerves in, 67
- , surface pH of children with seborrhoeic dermatitis, 451
- Smoking, *see* Tobacco
- Social class gradient in schizophrenia, 298
- Sodium bicarbonate in experimental salicylate poisoning, 388
- , calciumedate, effect on lead content of erythrocytes and blood proteins, 315
- , —, —, retention in liver, 315
- , —, in cadmium poisoning, 155
- , —, diagnosis and treatment of lead poisoning, 155
- , —, with supportive measures after exposure to thorium and uranium, 387
- , lactate, intravenous, in Stokes-Adams disease, 270
- , metabolism in Addison's disease, action of fluorocortisone and aldosterone on, 439
- , phytate, oral, effect on calcium metabolism in patients with "idiopathic" urinary calculi, 283
- , radioactive, absorption in erythrocytosis of calves and ankles of women, 67
- , —, resorption from an intradermal depot in rheumatic fever, 288
- , thiopentone suppositories in paediatric anaesthesia, 393
- "Soframycin" in infantile gastroenteritis due to *Escherichia coli*, 305
- Sound localization impairment, clinical significance, 219
- Spasm, flexion, syndrome, in infants, 382, 457
- , in children, prognosis, 307
- Spinal cord, subacute combined degeneration, diagnostic value of serum cyanocobalamin assay, 64
- , —, —, without pernicious anaemia, neurological and haematological features, 64
- Spine, cervical localization of juvenile rheumatoid arthritis, 289
- , —, normal anatomical features and abnormalities in relation to cervical spondylitis, 6
- , intervertebral disk, cervical, rupture, diagnosis by discography, 318
- , —, lesions, 218
- Splenectomy, effect in sickle-cell anaemia, 433
- Splenomegaly, chronic non-leukaemic myeloid, blood uric acid levels in, 122
- Spondylitis, ankylosing, abnormalities of adrenocortical function in, 59
- , —, onset in peripheral joints, 62
- , —, prostatitis in, 213
- , cervical, anatomical features of cervical spine in, 6
- Spondylosis, cervical, pharyngo-laryngeal disturbances due to, 370
- Sprue, idiopathic, pathological changes in small intestine in, 403*
- "Stalinon", *see* Alkyltin
- Staphylococcus aureus*, mode of transmission, 73
- , —, penicillin resistant, inhalation of environmental penicillin and, 16
- , —, susceptibility and virulence, interrelationship, 10
- , —, pneumonia in 1957 epidemic of Asian influenza, 436
- Starvation, *see* Fasting
- Steatorrhoea, differential diagnosis by radioactive-iodine-labelled fat and fatty acids, 181
- , intestinal absorption of radioactive-iodine-labelled triolein and oleic acid in, 420
- , jejunal biopsies in, 181
- , radioactive-iodine-labelled triolein in screening test for, 242
- Steel workers, dermatitis in, 74
- Sterilization by heat of spinal analgesic ampoules, 393
- "Sterisil" in dermatoses, 379
- Stilbamidine in interstitial plasma-cell pneumonia in premature infants, 148
- Stillbirth, ABO blood groups in relation to, 68
- , due to congenital malformation, epidemiology, 459
- Stokes-Adams attacks, corticotrophin treatment, 270
- , disease, intravenous sympathomimetic amines in, 270
- Stomach, *see also* Gastrectomy
- , analysis, tubeless, as screening test for achlorhydria, 321
- , antrum and proximal duodenum, gastric secretion after resection of, 35
- , cardia, achalasia of, cardiomyotomy for, 182
- , —, mucosal folds at, as component of gastro-oesophageal closing mechanism, 421
- , function test, estimation of uropepsin in urine as, 242
- , hypotonia in diabetics, 287
- , motility, action of propionyl atropine methyl nitrate on, 406
- , —, reduction by propantheline before radiological examination, 78
- , mucosa, histological changes in presence of various salts of bismuth, 12
- , —, lesions, effect of treatment of iron-deficiency anaemia on, 164
- , and oesophagus junction, radiological study, 108
- , secretion, action of propionyl atropine methyl nitrate on, 406
- , —, after resection of antrum and proximal duodenum, 35
- , —, basal, effect of isopropamide iodide on, 11
- , —, effect of insulin-induced hypoglycaemia on, 110
- , —, —, prolonged-acting form of propantheline on acidity, 184
- , torsion as cause of vomiting in infants, 149
- , ulcer, *see* Ulcer, gastric
- "Stosstherapy" of acute respiratory infections in children, 224
- Streptococci grouping with fluorescent antibodies, 404
- , β -haemolytic, isolation from throat swabs, 245
- Streptohydrazid in lepromatous leprosy, 342

- Streptokinase, buccal administration, clinical and experimental, 329
- Streptolysin-O precipitation test in rheumatic or hepatic disease, 88
- Streptomycin, action *in vitro* of *Mycobacterium tuberculosis*, 93
- , intra-articular, in knee tuberculosis, 252
- , sensitivity of gonococci, 416
- Streptovaricin, effect on guinea-pigs infected with *Mycobacterium tuberculosis* resistant to streptomycin and to PAS, 333
- Stridor, laryngeal, in rheumatoid arthritis, 441
- Strongyloidiasis, dithiazanine treatment, 17
- Strontium in urine, radiochemical analysis, 315
- , radioactive, content of diet in Wales and north and west England, 471
- Styloid process, elongated, symptoms and treatment, 203
- Succinylcholine, apnoea induced by, effect of edrophonium chloride on, 468
- , chloride, effect on histamine-induced bronchospasm in dogs, 329
- Suicide with humane killer, 464
- Sulphamethoxypyridazine, chemistry, pharmacology, and use in paediatric out-patient clinic, 169
- , in prolonged treatment of urinary tract infections, 53
- Sulphathiazole sensitivity of gonococci, 416
- Sulphonamide treatment, acute renal failure during, 156
- Sulphonylureas, action in liverless dogs, 366
- Suxamethonium chloride in hot climates, 158
- Sweat analysis in fibrocystic disease of pancreas and chronic pulmonary disease, 82
- , retention in contact eczema, histopathological study, 452
- Sydenham's chorea, *see* Chorea
- Symphactectomy, extended lumbar, in chronic arthritis, 59
- , in Raynaud's phenomenon, 196
- Syncope, atypical, abnormal electroencephalogram in, 142
- Synovial tissue *in vitro*, effect of various therapeutic agents and chemically related compounds on, 61
- Syphilis, *see also* Neurosyphilis
- , cardiovascular, in neurosyphilitic patients, 101
- , —, latent, outcome of treatment and reversal of serological reactions after treatment, 256
- , —, penicillin treatment, 101
- , diagnosis, congenital biological false-positive serological test in, 103*
- , house-to-house serological survey with multiphasic screening in, 27
- , saturated synthetic lecithins in V.D.R.L. and Kolmer antigens for, 178
- , —, treponemal immobilization test, 102, 341
- , differentiation of antilipids in, 178
- , early, in Manchester area, imported infection and the prostitute, 26
- , electroencephalographic evaluation of treatment, 415
- , endemic, in Syria, clinical and epidemiological findings, 103
- Syphilis, experimental, treponemal immobilization test in, 26
- , fluorescent test for treponemal antibodies, 26
- , human and experimental, antibody content of serum fractions separated by continuous-flow electrophoresis in, 26
- , latent, in military personnel, 415
- , treponemal complement-fixation test in probable latent or biological false positive cases, 415
- , untreated, effects on obstetric history and offspring of women, 103
- Tachycardia, paroxysmal atrial, with atrio-ventricular block, 353
- , —, supraventricular, radioactive iodine treatment in euthyroid patients, 429
- , ventricular, during halothane anaesthesia, 392
- Tantalum dust, health hazards from, 153
- Tapeworm infestation, piperazine and male-fern treatment, 105
- Temperature, body, fall after death, percentage method for representation, and use in estimating time of death, 234
- , effect on course of radiation sickness, 472
- , —, survival of bacteria in blood for transfusion, 50
- "Temposil" in chronic alcoholism, 144
- Tendon reflex, reinforcement of, 64
- Tenosynovitis, intra-articular injection of hydrocortisone in, 441
- "Tensilon", *see* Edrophonium chloride
- Terminology for measurements of ventilatory capacity, 126
- Testis, undescended, management, 457
- Testosterone propionate, high dosage, in ascitic atrophic liver cirrhosis, 264
- Tetanus antitoxin, production in hepatic cirrhosis, 89
- , chlorpromazine and barbiturates in, comparison, 337
- , curarization and intermittent positive-pressure respiration in, 251
- , effect of chlorpromazine on muscle spasm in, 337
- , immunization, active and passive, 96
- , neonatal, in Nigeria, 454
- , treatment, 96
- , —, with mephenesin, 412*
- Tetany due to hypoparathyroidism, electroencephalographic study, 131
- Tetracycline in pustular dermatoses, 145
- , —, small doses for common cold, 171
- Thalamus, primary tumours of, 448
- Thalassaemia, haemoglobin in, starch-block electrophoretic studies, 400
- , measurement of erythrocyte survival and marrow activity in, 434
- , trait, diagnosis by starch-block electrophoresis of haemoglobin, 49
- Thebesian veins, distribution and structure in heart, 424
- Theophylline ethylenediamine, effect on pulmonary circulation, 330
- , oral, in cardiac oedema, 410
- Therapeutics**, 91-2, 167-8, 246-8, 329-32, 406-10
- Thiacetazone in chaulmoogra suspension in leprosy, 31
- Thiobarbiturate narcosis, effect of phenothiazine derivatives on, 92
- Thiobarbiturates, respiratory effects, 157
- Thiocarbanidin and related compounds, effect on *Mycobacterium tuberculosis*, 169
- "Thiomerin", diuretic action in congestive heart failure, 272
- Thiopentone anaesthesia, termination by barbiturate antagonists, 468
- , —, —, bemegride, 468
- , and adjuvant drugs, effects on blood sugar and glucose tolerance, 157
- Thoracoplasty, extrapleural, in pulmonary tuberculosis, 175
- Thorium exposure, chelate therapy with supportive measures, 387
- Thromboangiitis obliterans, 30-year study, 194
- Thrombocythaemia, haemorrhagic, radioactive phosphorus treatment, 356
- Thrombocytopenia, idiopathic and secondary, platelet antibodies in, 50
- Thromboembolism, "anisindione" treatment, 13
- , cerebral, anticoagulant treatment, 141
- , pulmonary, in chronic pulmonary emphysema, 402
- Thromboplastin antecedent deficiency of plasma, demonstration of circulating anticoagulant in, 122
- , generation test, modification, 322
- Thrombosis, aortic, 273
- , cerebral, anticoagulant therapy, 293
- , —, glutamic oxalacetic transaminase in serum and cerebrospinal fluid in, demonstration of blood-cerebrospinal-fluid barrier, 66
- , coronary, due to postprandial blood coagulation, 118
- , —, prognosis of myocardial infarction due to, 120
- , intravascular, plasmin treatment, 194
- , of internal carotid artery simulating intracranial space-occupying lesion, 292
- Thymectomy in myasthenia gravis, evaluation, 449
- Thyroid cancers, role of induced hypothyroidism in stimulating growth, 54
- , carcinoma, analysis of 64 cases, 133
- , —, radiotherapy, 474
- , —, L-triiodothyronine as pituitary depressant in management, 133
- , changes in animals under influence of mercaptozyl, 133
- , disease, finger-clubbing and exophthalmic ophthalmoplegia in, 439
- , —, maternal, examination of children, 380
- , —, plasma proteins in, 132
- , function in subacute thyroiditis, 131
- , —, tests in thyrotoxicosis, relation to clinical severity of disease, 439
- , —, with radioactive iodine, review of 3,000 results, 205
- , radioactive iodine uptake, effect of N-phthalyl glutamic acid imide on, 54
- , tissue, ectopic, in pathogenesis of myxoedema, 284
- , tumours, diagnosis by aspiration biopsy, 133
- Thyroiditis antibody, autoantibody nature and role of thyroglobulin in reaction, 205

- Thyroiditis**, subacute, iodine metabolism and thyroid function in, 131
—, —, thyroid function in, 131
Thyrotoxicosis, see also Goitre
—, basal metabolic rate in, 132
—, electroencephalographic study, 131
—, glucose tolerance and clearance in, 361
— in Parkinsonism, 284
—, relation between clinical severity and results of thyroid function tests, 439
Thyroxine, dextro and laevo isomers, clinical and biochemical effects, 361
Tin, dialkyl and trialkyl salts, toxic properties, 154
—, organic salts, see Alkyltin
Tinea capitis, diiodolein treatment, 301
Tissue antigens, "autoimmune" reaction in acute and chronic disease, serological investigations and clinical correlations, 1
—, connective, in acute rheumatism, histochemical investigation, 7
—, —, morphological and chemical changes in fibrotic muscles, 7
— mast cells, effect of cortisone on, 363
—, soft, lesions due to L-noradrenaline, aetiology and prevention, 247
Titanium tetrachloride, toxicity, 386
Tobacco smoking and death rates in men, total mortality, and death rates by cause, 308, 309
—, —, effect on mechanics of breathing in health and in cardiopulmonary disease, 201
—, —, production and maintenance of gastric and duodenal ulcers, 184
—, —, in relation to lung carcinoma incidence, 51
—, —, mortality from bronchitis and, in England and Wales and in Denmark, 227
—, —, relation of squamous metaplasia of respiratory-tract epithelium to, 400
Tolbutamide action in liverless dogs, 366
— as basic adjuvant in insulin-dependent diabetes, 366
—, effect on peripheral glucose utilization in dogs, 365
—, hypoglycaemic action, role of insulin in, 136
— in diabetes mellitus, prolonged administration, 440
— induced beta-cell degranulation of islets of Langerhans, pathogenesis, 207
—, pharmacology and mode of action, 136
Tomography of kidneys, clinical evaluation, 473
Tonsillitis and rheumatic fever, 368
Tooth development in foetus, effect of maternal rubella on, 400
Toxicity threshold values for 1958, 463*
- Toxicology**, 156, 234, 316, 388–90, 464–5
Trachea, lower, squamous epithelial metaplasia of, postmortem study, 163
— strip for study of pharmacological effects of drugs on tracheal muscle, 259
Tracheostomy, long-term, in extensive bilateral bronchiectasis, 127
"Tral", see Hexocyclium
Tranquillizers, comparative studies, 235
- Transaminase**, glutamic oxaloacetic, in cerebrospinal fluid and serum in amaurotic family idiocy and Niemann-Pick disease, 217
—, —, —, —, — cerebrovascular accidents, demonstration of a blood-cerebrospinal-fluid barrier, 66
—, —, —, —, — serum, electrophoretic migration pattern, 161
—, —, —, — in dermatomyositis, 62
—, —, —, — diphtheritic myocarditis, 251
—, —, —, — diseases of liver and biliary tract, 262
—, —, —, — myocardial infarction, 43
—, —, —, — pericarditis, 425
Transposition, corrected, of great vessels of heart, 111
Transvestism and pruritus perinei, 296
Treponemal complement-fixation test in probable latent syphilis or biological false positive reactions, 415
— immobilization test in experimental syphilis, 26
—, —, — specific diagnosis of syphilis, 102
—, —, technique, 341
— protein antigens, demonstration of antigen common to pathogenic and Reiter's treponemes, 102
Triacetyleandomycin and erythromycin, comparative serum concentrations and antibacterial effects, 411
"Triamcinolone" in allergic diseases, 344
— psoriasis and other dermatoses, 452
Trichlorethylene inhalers, evaluation, 470
Trichomonas vaginalis, serological aspects, 327
—, — varieties, detection by fluorescent antisera, 327
Trichuriasis, dithiazanine treatment, 17
Triethylenephosphoramidate in disseminated melanoma, 170
Trifluoromethyl phenothiazine derivatives, clinical and laboratory observations, 168
Trigeminal neuralgia, decompression operation in, follow-up of cases, 375
L-Triiodothyronine as pituitary depressant in management of thyroid carcinoma, 133
"Trilafon", see Perphenazine
Triolein, radioactive-iodine-labelled, in screening test for steatorrhoea, 242
—, —, intestinal absorption in health and in steatorrhoea, 420
Tropical medicine, 28–32, 104–5, 180, 257, 342–3, 417–18
Trypsin, intramuscular injection in serous otitis media, 203
Tubercle bacillus, see Mycobacterium tuberculosis
Tuberculosis and lepromin sensitivity in E. Nigeria, interrelationship, 417
— sensitivity in middle and old age, 252
— test for epidemiological use, comparison of Mantoux, Heaf, von Pirquet, and jelly tests, 338
— negative in active tuberculosis, 97
Tuberculosis, 21–5, 97–9, 173–6, 252–5, 338–40, 413–14. See also B.C.G.
—, bovine, isoniazid prophylaxis, 253
— case-finding by mass radiography, 338
- Tuberculosis contacts**, analysis of 3,485 cases in Edinburgh, 338
— control, results in Moscow during last 40 years, 22
—, early primary, in children, isoniazid and PAS treatment, 21
—, endobronchial, in children, 173
—, glandular, see Lymphadenitis
— in neonatal period, 173
—, isoniazid prophylaxis, 253
—, meningal, see Meningitis, tuberculous
—, miliary, in adults, review of 68 cases, 21*
- , —, prolonged chemotherapy, 21
—, —, survival rate in, 21
—, pleural, see Pleurisy
—, primary, in children, isoniazid prophylaxis, 23
— prophylaxis with isoniazid, experimental study, 413
—, pulmonary, artificial pneumothorax as aid to chemotherapy in, 254
—, —, bacteriology of lesions resected after chemotherapy, 175
—, — and bronchial, intratracheo-bronchial introduction of antibiotics in, 175
—, —, bronchiectasis in, comparative bronchographic and anatomical study, 254
—, —, bronchography in assessment of patients for surgical treatment, 340
—, —, cavitary or non-cavitary, surgical treatment in non-infectious patient, 99
—, —, chemotherapy and antibiotics in, review, 340*
- , —, effect on tuberculous contamination of patient's home, 174
—, —, pathological and bacteriological study of resected lungs after, 414
—, —, review, 340*
- , —, complicated by non-tuberculous pneumonia, 174
—, —, corticotrophin and cortisone in addition to specific antituberculous therapy, 98
—, —, cycloserine treatment, 99
—, —, drug-resistant, cycloserine treatment, 340
—, —, extraperiosteal plombage in, 413
—, —, extrapleural thoracoplasty in, 175
—, —, healing rate as affected by chemotherapy, 97
—, —, hospital treatment, follow-up study, 98
—, —, in adults, detection by tuberculin testing of school entrants, 22
—, —, immigrants into United Kingdom, mass radiography study, 311
—, —, isoniazid level in blood in, clinical implications, 24
—, —, isoniazid-resistant, action of 5-bromosalicylhydroxamic acid on, 24
—, —, isoniazid-treated, loss of virulence for experimental animals of Myco. tuberculosis from, 24
—, —, local cure of persistent cavitation after prolonged chemotherapy, 25
—, —, oxygen content of blood in different forms, 23
—, —, perforation of tuberculous lymph nodes into bronchus in, 253
—, —, prevalence in a copper mine related to pre-employment radiographs, 385

- Tuberculosis, pulmonary, primary, in children, surgical treatment, 25
 —, —, —, West Cornwall, 254
 —, —, prolonged chemotherapy, 21
 —, —, relapse in adults, causes and characteristics, 339
 —, —, respiratory inadequacy after thoracic surgery in, 414
 —, —, space infections after plombage, surgical treatment, 99
 —, —, tomographic bronchography in preoperative assessment, 77
 —, —, treatment at work, 24
 —, —, with cavitation, cycloserine treatment, 255
 —, —, —, persistent cavitation and non-infectious sputum, fate after discharge from hospital, 339
 —, renal, selective angiography in, 238
 —, skeletal, detection in early stage of primary tuberculous infection of children and adolescents, 21
 —, —, intra-articular injection of streptomycin into knee, 252
 —, —, iproniazid treatment, 414
 —, —, sterilization of lesions by chemotherapy, 176
 —, tuberculin-negative, 97
 —, vaccine prepared from *Myc. tuberculosis* var. *muris*, 252
 Tumour, malignant, cytostatic treatment with alkoxyethyleneimino-benzoquinone, 333
 —, —, in children, 458
 —, —, intravenous ethyleneiminoquinone treatment, 249
 Tunnicliffe breathing jacket for artificial respiration in poliomyelitis and myasthenia gravis, 94
 Tympanum perforation, repair by myringoplasty, 52
 Typhoid, rapid isolation of *Salmonella* from blood by membrane-filtration, 165
 Typhus epidemic, louse-borne, ecological studies on interepidemic survival of, 250
 Tyrosine, intermediary metabolism in diffuse collagen diseases, 138
- Ulcer, aphthous, of mouth, treatment, 183
 —, duodenal, chronic, vagotomy and gastro-enterostomy in, comparison with gastrectomy, 185
 —, —, effect of insulin-induced hypoglycaemia on gastric secretion in, 110
 —, —, gastric secretion after resection of antrum and proximal duodenum for, 35
 —, —, hexocyclium methosulphate treatment, 109
 —, —, "nacton" treatment, 261
 —, —, perforation in a 3-year-old girl, 69
 —, —, physiological, psychological, and social determinants in aetiology, 184*
 —, —, postbulbar, 261
 —, —, improvement in, radiological demonstration, 396
 —, —, secretor status in, 183
 —, gastric, differential diagnosis by radiology and gastroscopy, 36
 —, —, experimental, effect of cortisone and corticotrophin on healing, 81
 —, —, —, —, hormones on healing, 81
- Ulcer, gastric, in upper stomach, *en face* demonstration in a dependent position, 396
 —, —, medically treated, recurrence of haemorrhage from, 184
 —, —, of subcardial region, 109
 —, —, peptic, effect of smoking on production and maintenance, 184
 —, —, hexocyclium treatment and its effect on gastric secretion, 347
 —, —, treatment, present position, 110*
 —, —, Vaterian and peri-Vaterian segments in, radiological study, 396
 Ulcers, vesicles, and arthritis as manifestations of pyoderma gangrenosum, 223
 Ultrasonic radiation and chemicals in disinfection of drinking water, 459
 — vibrations in physiotherapy of rheumatoid arthritis, 371
 Unconsciousness, significance of oculocephalic and caloric responses in, 65
 Undulant fever, *see* Brucellosis
 Uranium exposure, chelate therapy with supportive measures, 387
 Urethritis, non-gonococcal, factors in host influencing response to treatment and recurrence of symptoms, 100
 —, —, nitrofurazone urethral suppositories in, 179
 —, —, tetracycline treatment, 101
 —, —, non-specific, epidemiology, 179
 —, —, "sigmamycin" treatment, 256
 —, Reiter's syndrome and arthritis associated with, radiological changes in, 238
 —, trichomonal, in males, local oxophenarsine hydrochloride treatment, 100
 Uric acid, *see also* Hyperuricaemia
 — levels in blood in leukaemia and related conditions, 122
 Urinary tract infections, "azo gantrisin" treatment, 53
 —, —, sulphamethoxy-pyridazine in prolonged treatment, 53
 Urine, hyaluronidase activity in different age groups, 4
 — peroxidase determination in routine examination of urine for erythrocytes and leucocytes, 82
 —, protein in, colorimetric test for, 5
 —, —, detection and determination by polythionate, 4
 — specific gravity, nocturnal index in diagnosis of hypertension, 120
 —, strontium and barium in, radiochemical analysis, 315
 —, uropepsin estimation as diagnostic test of gastric function, 242
 Urogenital system, 53, 130, 204, 282-3, 359-60, 438
 Urticaria, basophil leucocytes in, 419
 —, cholinergic, histological examination, 379
 —, chronic, hydroxyzine treatment, 419
 — due to both cold and heat, 300
 —, "triamcinolone" treatment, 344
 Uterus cervix stump carcinoma, late results of radiotherapy, 80
- Vaccinia virus, behaviour in disorders of central nervous system following vaccination, 95
- Vagotomy and gastro-enterostomy in chronic duodenal ulcer, comparison with gastrectomy, 185
 —, method of testing for complete nerve section during, 185
 Valsalva's manœuvre in emphysema, 202
 Valvotomy, emergency, after hexamethonium treatment of recurrent crises of acute pulmonary oedema, 427
 —, mitral, digitalis requirements in, 42
 —, —, haemodynamic findings during, 268
 —, —, "postcommissurotomy syndrome" after, 350
 —, —, pregnancy and, 191
 —, —, recurrence of stenosis after, 43, 115
 Vancomycin in bacterial endocarditis, 265
 Varicella, *see* Measles
 Varix, oesophageal, before and after portacaval shunt, radiological study, 395
 Vascular disease, hypertensive, renal function in, 195
 Veins, Thebesian, distribution and structure in heart, 424
 Venereal diseases, 26-7, 100-3, 177-9, 256, 341, 415-16
 — control in East Africa, 341
 —, decline in incidence?, 100
 —, diagnosis by Ito-Reenstierna and Frei tests, 177
 —, screening for, 100*
 Venography, costal intraosseous, in diagnosis of portal hypertension, 108
 — in diagnosis of pelvic tumours, 320
 —, pulmonary, in mitral stenosis, 160
 —, splenic, and intrasplenic pressure measurement in clinical investigation of portal venous system, 38
 Ventilation, pulmonary, effect of positive-pressure breathing on, 466
 —, —, end-tidal carbon dioxide and, during anaesthesia, 391
 Ventilatory capacity measurement, terminology, 126
 Ventriculography in location of brain tumours, comparison with encephalography, 159
 Verrucae plantares, symptoms and epidemiology, 67*
 "Versene", *see* Sodium calciumedetate
 "Vesprin" in chronic psychoses, 144
 Vertebrae, cervical, osteoarthritis of, causing pharyngo-laryngeal disturbances, 370
 Viomycin, action *in vitro* on *Myc. tuberculosis*, 93
 Virus diseases in pregnancy, congenital malformations and, 172
 Virus-host cell interactions, 245*
 Vitamin A intoxication, chronic, in a child, 33*
 — B₁₂, *see* Cyanocobalamin
 — K deficiency, coagulation defect in, 275
 Vitamin-resistant rickets, primary hypophosphataemic familial, 346
 Vocalization, myoelectric theory of, 129
 Vomit aspiration, 278
 Vomiting after x-irradiation, mechanism, 472
 — associated with meningism and exanthem, clinical and epidemiological study, 228
 — in infancy due to torsion of stomach, 149

- Vomiting, postoperative, control with perphenazine, 75, 393
- W-1548, oral diuretic properties, clinical study, 14
- Water, body, total and extracellular, in epilepsy, 294
- , —, —, —, volume, changes in acute renal failure, relation to water and electrolyte excretion, 130
- disinfection by combined action of ultrasonic radiation and chemicals, 459
- , reservoir, determination of maximum permissible concentration of pyridine in, 459
- Water sterilization, effect of method on survival of *Rickettsia burneti*, 228
- supply, public, fluoridation, relation to musculo-skeletal diseases, 151
- Weight, *see also* Birth weight
- of children of very low birth weight, 148
- Whooping-cough, *see* Pertussis
- von Willebrand's disease, clinical features, 432
- Willis, circle of, berry aneurysm of, 84
- Wilson's disease, ceruloplasmin in relation to, 420
- , effect of penicillamine and dimercaprol on copper turnover in, 346
- , radiological abnormalities of bone in, 319
- "Winthrop 13,645-5" in chronic psychoses, 144
- Wounds, local treatment to prevent rabies, 95
- X-irradiation, mechanism of vomiting after, 472
- of kidneys, hypertension after, 48
- Zinc-corticotrophin administration, plasma and urinary steroid levels after, 439
- Zirconium deodorant granuloma, allergic origin, 223
- 189056, oral, in hypertension, 329

AUTHOR INDEX TO VOLUME 24

JULY—DECEMBER, 1958

References are to page numbers. An asterisk denotes title and reference only

- AASHEIM, G. M., 11
 ABADIE, S. H., 17
 ABBOTT, D. D., 316
 ABBOTT, W. E., 33
 ABDIN, Z. H., 39
 ABELMANN, W. H., 116
 ABERNATHY, R. S., 456
 ABRAHAM, E. P., 333*
 ABRIKOSOV, I. A., 371
 ACHESON, E. D., 182
 ACHESON, R. M., 176, 383
 ACKERLEY, A. G., 324
 ADAMS, A. R., 77
 ADAMS, E. B., 337
 ADAMS, J. M., 404
 ADAMS, R. A., 212
 ADAMS, R. D., 141*, 372
 ADAMS, S. S., 57*
 ADLERSBERG, D., 181, 403*
 AGCAIOLI, L. F., 347
 AGOSTINO, D., 394
 AHMEDOV, D. M., 363
 AICARDI, J., 382
 ALADIEMOFF, L., 393
 ALAGILLE, D., 356
 ALAJOUANINE, T., 464
 ALBANO, O., 214*
 ALEGRE, J. A., 123
 ALEXANDER, L., 297
 ALEXANDER, S., 169
 D'ALLAINES, C., 427
 ALLAN, J. D., 107
 ALLEN, R. H., 178
 ALLINGTON, M. J., 83
 ALLISON, R. C., 250
 ALTMAN, G. E., 167
 ALVAREZ, A. S., 285
 AMANO, S., 84
 AMATOWICZ, F., 24
 AMERICAN CONFERENCE OF
 GOVERNMENTAL INDUSTRIAL
 HYGIENISTS, 463
 AMSTERDAM, D., 10
 ANDERREGG, A. F., 347
 ANDERSEN, E. W., 412*
 ANDERSON, C. M., 304
 ANDERSON, H. H., 154
 ANDERSON, P. J., 65
 ANDERSON, M. W., 197
 ANDERSON, R. C., 111
 ANDERSON, S. A., 165, 384
 ANDERSON, W. J. R., 459
 ANDRÉ, R., 125
 ANDREWS, J. R., 318
 ANDRONOVA, G. P., 463
 ANGARSKAJA, M. A., 118
 ANGEL GARZA, L., 100
 ANGELAKOS, E. T., 317
 ANGELONI, J. M., 436
 ANLYAN, F., 317
 ANSELL, B., 83
 ANTES, E. H., 357*
 ANTHONY, S. O., 17
 ANTONIUS, N. A., 45
 AOCHI, O., 235
 APLEY, J., 305
 ARAI, Y., 286
 ARAKI, M., 84
 ARAVANIS, C., 408
 ARBMAN, B., 97
 ARCHER, H. E., 181
 ARCHIBALD, K. C., 139
 ARDLEY, J., 71
 ARFEL, G., 467
 ARFEL-CAPDEVIELLE, —, 464
 ARGYROS, T. G., 184
 ARIAS, I. M., 184
 ARIEL, I. M., 475
 ARIZTIA, A., 149
 ARMEN, R. N., 266
 ARMSTRONG, B. W., 236
 ARNHOLD, R. G., 302
 ARNOLD, O. H., 360
 ARNULF, G., 319
 ARONOVITCH, J., 422
 ARONSON, S. M., 217
 ARROYAVE, G., 28
 ARVIDSSON, H., 115*
 ASBOE-HANSEN, G., 7
 ASCHKENASY, A., 55
 ASH, I., 228
 ASHLEY, D. J. B., 162
 ASHMORE, J., 136
 ASPAR, A., 174
 ASPER, S. P., 136
 ASTLEY, R., 421
 ÅSTRÖM, K.-E., 447
 ATANASIU, P., 90
 ATDJIAN, M., 370
 ATKINSON, J. D., 405
 ATKINSON, M., 12
 ATTINGER, E. O., 201
 ATTWOOD, E. C., 294
 AUERBACH, O., 97
 AUFSES, A. H., 175
 AUSLANDER, M. M., 203
 AUSTIN, J. H., 291
 AYRES III, S., 223
 AYRES JR., S., 223
 AYRES, W. W., 84
 BABAEV, Dž. G., 114
 BAGNOBA, M. D., 453
 BAGRATUNI, L., 169
 BAHMANYAR, M., 90
 BAIKIE, A. G., 435
 BAILEY, C. P., 269, 273
 BAILEY, I. S., 434
 BAIN, A. D., 402
 BAIN, R. C., 190
 BAIRD, D., 459
 BAKER, A. B., 217
 BAKER, H., 161
 BAKER, L. A., 420
 BAKER, R. W. R., 64
 BALAN, A., 432
 BALASUBRAMANIAN, A., 95
 BALDUCCI, D., 19
 BALL, J., 369
 BALLANTINE, H. T., 374*
 BALLINGER, C. M., 393
 BALTAZARD, M., 90
 DE BALZAC, R. H., 351
 BALZARINI, E., 159
 BANG, N. U., 262
 BANKER, B. Q., 372
 BARBIZET, J., 168
 BAREST, H. D., 84
 BARLING, B., 138
 BARLOW, J., 268
 BARNES, B. A., 54
 BARNES, J. M., 154
 BARNES, K. L., 369
 BARNES, W. T., 189
 BAROIS, A., 339
 BARON, D. N., 241
 BARR, M., 405
 BARR, M. N., 337
 BARRICK, J. H., 72
 BARRY, I., 199
 BARTELS, E. C., 284
 BARTHOLOMAY, A. F., 248
 BARTHOLOMEW, A. A., 15, 388
 BARTLEY, O., 320
 BARTOLI, V., 209
 BASTER, N., 71
 BATES, D. V., 280, 437
 BATES, M., 271
 BATSON, R., 72, 172
 BATTERMAN, R. C., 92
 BAUMGARTEN, B., 424
 BAUMGARTNER, R. J., 465*
 BAXTER, J. H., 204*
 BAYLIN, G. J., 182
 BAYLIS, J. H., 280
 BAYLISS, R. I. S., 14
 BEALE, A. J., 165
 BEALL, A. C., 239
 BEARE, J. M., 451
 BEARE, R. L. B., 361
 BEARN, A. G., 319
 BEATTIE, M. K., 9
 BEAUMONT, J. L., 121
 BEAUMONT, V., 121
 BEBIN, J., 374
 BECK, A., 10
 BECKER, D., 231
 BECKLAKE, M. R., 232, 358
 BEDFORD, P. D., 276
 BEDIEZ, J., 415
 BEECHER, H. K., 410*, 451
 BEERMAN, H., 346*
 BÉHAR, M., 28
 BEHR, D. J., 14
 BEHRMAN, S., 446
 BELCHER, J. R., 115
 BELJAIEVA, N. K., 463
 BELL, D. W., 180
 BELL, J. A., 94
 BELL, J. C., 24
 BELL, J. W., 99
 BELL, S., 343
 BELLER, A. J., 292
 BELLI, L., 244
 BELLMAN, S., 271
 BELTON, M. K., 158
 BENDER, F., 265
 BENEDICT, A. A., 10*
 BENSTED, H. J., 405
 BENTAL, E., 412
 BENTIVOGLIO, L., 427
 BÉRARD-BADIER, M., 293
 BERBEN, J. Y., 247
 BERENBERG, W., 305
 BERG, J. M., 336
 BERG, L., 375
 BERGMAN, G., 400
 BERGMAN, P. S., 65
 BERKOS, K. P., 23
 BERLINGHOFF, W., 26
 BERMAN, E., 337
 BERMAN, L. B., 204, 389
 BERNARD, É., 22, 25, 339
 BERNARD, J., 216, 249
 BERNARD, R., 426
 BERNARD, RENÉ, 457
 BERNHEIM, M., 367
 BERNSTEIN, W. H., 202
 BERNTSEN, C., 190
 BESSMAN, S. P., 146
 BEST, C. H., 11
 BESTERMAN, E. M. M., 44
 BESWICK, I., 390
 BETHELL, F. H., 2
 BETT, D. C. G., 451
 BEUTLER, E., 33, 123, 434
 BHUYAN, M. C., 430
 BIAGI, F. F., 88
 BIEHL, J. P., 21*
 BIERMAN, E. L., 56
 BIGLER, F. C., 324
 BIGLER, J. A., 226
 BINGLE, J., 292
 BIÖRCK, G., 427
 BIRCH, A. MCA., 209
 BIRD, K. T., 327
 BIRD, R., 132
 BIRKMIER, E. L., 391
 BISHOP, P. M. F., 457
 BIALKO, N. K., 462
 BJØRNEBOE, M., 347
 BLACK, E., 284
 BLACK, H., 115
 BLACK, J., 89, 90
 BLACK, R. L., 208
 BLACKBURN, C. R. B., 420
 BLAHD, W. H., 264
 BLAIR, A. E., 345
 BLAIR, E., 245*
 BLAISDELL, R. K., 434
 BLALOCK, F. A., 339
 BLANCHARD, M. C., 277
 BLAND, E. F., 120
 BLANSHARD, M. S., 75
 BLAU, S., 223
 BLOCH, R. G., 175
 BLOMFELD, G. W., 474
 BLONDEAU, M., 350
 BLONDEAU, P., 356
 BLOOM, A., 440
 BLOOM, S. S., 391
 BLOOMER, H. A., 14, 389
 BLOOMFIELD, A. L., 286*
 BLOTNER, H., 403
 BLUMBERG, R., 250
 BLUMENFELD, G., 354
 BOCCA, E., 52
 BOCK, K. D., 360
 BODER, E., 373
 BOEN, S. T., 85

- BOERI, F., 394
 BOGGS, J. D., 226, 454
 BOHM, E., 375
 BOISSARD, G. P. B., 461
 BOK, J., 356
 BOLAND, E. W., 443
 BOLANDE, R. P., 147
 BOLINGER, R. E., 287
 BOND, J. O., 385
 BONICA, J. J., 235*
 BONNAL, J., 293
 BONNIOT, R., 205
 BONUGLI, F. S., 103
 BOOK-HEDERSTRÖM, G., 320
 BOORMAN, K. E., 224
 BORGONO, J. M., 279
 BOSOMWORTH, P. P., 75
 BOSS, E. G., 11
 BOTHA, G. S. MULLER, 421
 BOTTERELL, E. H., 140, 158
 BOTVINNIK, L. M., 379
 DU BOUCHET, N., 427
 BOUDIN, G., 168, 296
 BOUMARD, B., 121
 BOURGEOIS-GAVARDIN, M., 317
 BOVORNKITTI, S., 173, 339
 BOWDEN, K. M., 243
 BOWER, G. C., 340*
 BOWERS, G. N., 430
 BOYCE, W. H., 283
 BOYD, J. T., 179
 BOYD, L. J., 329
 BOYDEN, E. A., 402
 BOZICEVICH, J., 212
 BRADLEY, J. E., 465*
 BRADLEY, W., 248
 BRANDON, E. M., 415
 BRANDT, H. J., 475
 BRANDT, S., 225
 BRANDWIJK, A. C., 336
 BRAUDE, A. I., 220
 BRAUN, D. C., 462
 BRAUNWALD, E., 41, 42, 191, 425
 BRAY, P. F., 142
 BRECHER, G., 77
 BRENDSTRUP, P., 7
 BRENNAN, C. F., 272, 330
 BRETT, G. Z., 311
 BREWARD, A. D., 468
 BREWER, D. B., 8
 BREWER, S. S., 124
 BRIDENBAUGH, D., 75
 BRIGGS, J. N., 454
 BRILL, G., 161
 BRIMBLECOMBE, F. S. W., 72, 251
 BRINDLE, G. F., 392
 BRINKMAN, G. L., 126
 BRITISH TUBERCULOSIS ASSOCIATION, 338
 BROCK, J. F., 107
 BROCKBANK, W., 106
 BROD, J., 282
 BRODA, Z., 24
 BRODIE, S., 57
 BROJTMAN, A. JA., 4
 BRONSKY, D., 132
 BRONTE-STEWART, B., 117
 BROOKE, B. N., 185, 349
 BROTMACHER, L., 42
 BROWN, D. A. P., 183
 BROWN, F., 376
 BROWN, G. A., 82
 BROWN, H. W., 49
 BROWN, M. E. A., 18
 BROWN, P. E., 61
 BROWN, R. G., 227
 BRUCE, D. W., 92
 BRUKARDT, D. T., 280
 BRUMFITT, W., 202, 326
 BRUN, C., 164
 BRUNET, J., 457
 BRUST, A. A., 48
 BRYANT, F. J., 471
 BRYANT, M. F., 247
 BUBNOW, B., 145
 BUCHA, G., 381
 BUCHANAN, G. C., 11
 BUCHANAN, J. M., 247
 BUCHBERG, A. S., 175
 BUCHTHAL, F., 372
 BUCKINGHAM, W. B., 215
 BÜHLER, I., 381
 BUKOV, V. A., 397
 BULL, G. M., 156
 BULL, J. W. D., 395
 BULLER, A. J., 64
 BUNIM, J. J., 208, 212
 BURBACK, B., 42
 BURCH, G. E., 272
 BURCH, H. B., 28
 BURCHELL, H. B., 164
 BURCHENAL, J. H., 16, 200
 BURDON, J. F., 120
 BURGE, H., 185
 BURGIN, L. A., 275
 BURKE, E. C., 130
 BURKE, J. C., 178
 BURN, J. H., 273
 BURNAP, T. K., 469
 BURNARD, E. D., 303
 BURNETT, L. L., 307
 BURRAGE, W. S., 344
 BURROWS, D., 161
 BURROWS, S., 323
 BURROWS, W., 245*
 BURSTON, J., 390
 BUSTAMANTE, W., 149
 BUTTENWIESER, E., 123
 BUTTERWORTH, C. E., 181
 BUZNITSKY, A., 5
 BYKOV, L. A., 397
 BYWATERS, E. G. L., 83
 CAHILL, G. F., 136
 CAIRD, F. I., 18
 CALDWELL, D. M., 312
 CALENČUK, JA. P., 283
 CALEY, J. P., 436
 CALIVA, F. S., 408
 CALNAN, C. D., 451
 CALVERT, R. J., 138
 CALWELL, H. G., 22
 CAMERINI-DÁVALOS, R., 440
 CAMERON, D., 19
 CAMERON, D. E., 222
 CAMERON, J. K., 25
 CAMPANELLI, P. A., 380
 CAMPBELL, E. J. M., 466
 CAMPBELL, G. D., 54
 CAMPBELL, M., 42
 CANETTI, G., 176
 CANNATA, D., 353
 CANNON, J. F., 103*
 CAPLIN, M., 252
 CAPPS, F. C. W., 52
 CARANNA, L. J., 470
 CARBONARO, O., 230
 CARDON, L., 247
 CAREY, P., 395
 CARLOTTI, J., 43
 CARLSON, L. A., 137
 CARMICHAEL, J. A. G., 180
 CARRÉ, I. J., 421
 CARRETERO, R. W., 173
 CARROLL, D. W., 178
 CARSON, M. J., 304
 CARTER, S., 142
 CARTER, S. A., 141
 CASE, R. B., 425
 CASHMAN, J. M., 97
 CASS, L. J., 248
 CASTLE, J. N., 476
 CAUGHEY, J. E., 449
 ČEČULIN, JU. S., 408
 CENSUALES, S., 102
 CENTEROVA, L. G., 462
 CEREGHINI, J. F., 81
 CHACORNAC, R. R., 319
 CHADWICK, C. S., 327
 CHADWICK, D. L., 404
 CHAMBERLAIN, A. C., 471
 CHAMBERLAIN, E. N., 288
 CHAMBERS, J. S. W., 15
 CHAMBERS, R. A., 346
 CHAMBON, L., 32
 CHANARIN, I., 434
 CHANAS, P., 347
 CHANDA, N. K., 325
 CHANOCK, R., 87
 CHANY, C., 412
 CHAPMAN, A. H., 367
 CHAPPELL, P., 15
 CHARLES, G., 189
 CHARLES, L. J., 257
 CHARLTON, D., 360
 CHASON, J. L., 84, 324
 CHATTERJEE, P. K., 418
 CHAVE, S. P. W., 385*
 CHEARS, C., 182
 CHEESEMAN, E. A., 226*, 451
 CHERNOFF, A. I., 123
 CHESLER, E., 251
 CHEVALLIER, J., 210
 CHI KONG LIU, 351
 CHIN, T. D. Y., 94
 CHINN, H. I., 472
 CHIRON, A. E., 235
 CHODOS, R. B., 476
 CHOLMELEY, J. A., 252
 CHOWDHURY, A. K. R., 418
 CHOWDHURY, AMIYA K. R., 418
 CHRISTENSEN, L. K., 124
 CHRISTENSEN, O. W., 227
 CHRISTIAN, C. L., 442
 CHRISTIANSSON, G., 70*
 CHRISTIE, A., 72
 CHRISTIE, G., 92
 CHRISTY, N. P., 134
 CIMBLER, I. V., 456
 CINTRÓN-RIVERA, A. A., 30
 CITRON, K. M., 90
 CLARK, G. M., 348
 CLARKE, A. D., 466
 CLARKE, C. N., 58
 CLARKE, E., 292
 CLARKE, G., 235
 CLARKE, N. E., 58
 CLARKE, S. K. R., 327, 328
 CLAUSSE, R. H., 330
 CLAYTON, T. M., 71
 CLELAND, W. P., 268
 CLEMMENS, R. L., 146
 CLIFTON, E. E., 194, 318
 CLIFTON, J. A., 12
 CLIFTON, M., 354
 CLOSS, K., 4
 CLOWARD, R. B., 318
 CLYDE, D. F., 28, 257
 COATES, E. O., 126
 COATES, S., 144
 COBB, J. P., 170
 COBB, L. A., 192
 COBB, R., 57*
 COBB, S., 368
 CODE, C. F., 35, 258
 COGHLAN, M. K., 350
 COHEN, D. B., 119
 COHEN, H., 303, 390
 COHEN, L. B., 298
 COHEN, M., 48
 COHEN, W. D., 118
 COHN, E. M., 320*
 COLEMAN, D. J., 157
 COLEMAN, F. S., 299
 COLLARD, J. F., 450
 COLLEGE OF GENERAL PRACTITIONERS, SOUTH-EAST SCOTLAND FACULTY, 67
 COLLINS-WILLIAMS, C., 106*
 COLOMB, D., 453
 COMESS, O. H., 247
 CONNER, P. K., 168
 CONNOLLY, J. H., 460
 CONNOR, T. B., 131
 CONWELL, D. P., 89
 COODLEY, E. L., 441
 COOK, I. A., 183
 COOK, J., 147
 COOKE, L., 261
 COOKE, R. E., 380
 COOKE, W. T., 349
 COPE, C. L., 284
 COPE, O., 54
 COPE, S., 288
 CORA, D., 204
 CORCOS, M., 32
 CORDAY, E., 429
 CORKIN, D. L., 460
 CORNET, A., 109
 CORNWELL, W. B., 466
 CORPE, R. F., 339
 COSSA, P., 464
 COTTENOT, F., 12
 COTTER, D. J., 414
 COTTER, L. H., 155
 COUNRAND, A., 330
 COURT, P., 109
 COURT BROWN, W. M., 471
 COURTOIS, G., 460
 COURVILLE, C. B., 83
 COUVES, C. M., 239
 COWAN, B., 429
 COWAN, D. J., 108
 COX, E. V., 349
 COX, H. R., 90
 COX, J. R., 330
 CRABB, H. S. M., 183
 CRADOCK-WATSON, J. E., 416
 CRAFT, M., 378
 CRAIG, W. MCK., 196
 CRAMBLETT, H. G., 94
 CRAVER, L. F., 122, 357
 CRAWFORD, E. S., 239
 CREAMER, B., 34
 CRECCA, A. D., 45
 CREMER, R. J., 303
 CREMET, —, 255
 CRILE, G., 54
 CROCKER, A. C., 260*
 CROFT, P. B., 64
 CROFTON, J. W., 98
 CROIZAT, P., 357
 CROME, L., 457
 CRONK, G. A., 92
 CRONKITE, E. P., 77
 CROOKS, J., 132
 CROS-DECAM, —, 22
 CROSIGNANI, S., 394
 CROWLEY, L. V., 277
 CROWLEY, M. F., 440
 CROWTHER, A. F., 411*
 CRUICKSHANK, B., 244, 323
 CRUICKSHANK, R., 72
 CSONKA, G. W., 179, 238
 CUDKOWICZ, L., 38
 CUGELL, D. W., 215
 CULLEN, R. E., 40
 CULLINAN, E. R., 336

- CULVER, J. O., 71
 CUNLIFFE, A. C., 405
 CUNNINGHAM, G. J., 243
 CURTIS, A. C., 415
 CUSWORTH, D. C., 107
 CUTCUDACHE, C., 432
 CUTFORTH, R. H., 40
 CUTLER, J. C., 256
 CVETKOV, I. I., 355
- DAGRAZI, A. E., 36, 110
 DAIBER, O., 66
 DALLACHY, R., 52*
 DALTON, G. E., 385
 DALY, J. J., 330
 DAMESHEK, W., 199, 214, 275
 DAMM, G., 274
 DANARAJ, T. J., 418
 DANE, D. S., 171
 DANIEL, P. M., 322
 DANOWSKI, T. S., 375
 DARDANOVI, L., 102
 DARGENT, M., 357
 DARGEON, H. W., 200
 DARKE, C. S., 441
 DARLING, A. I., 183
 DARMADY, E. M., 390
 DATTA, K. P., 418
 DAUBINET, G., 68
 DAVEY, D. G., 29
 DAVEY, T. F., 32, 417
 DAVID, A., 351
 DAVIDSOHN, I., 5
 DAVIDSON, C. S., 348
 DAVIDSON, D. C., 134
 DAVIES, D. W., 246
 DAVIES, J. B. M., 230
 DAVIES, L. G., 266
 DAVIES, P. A., 339
 DAVILA, J. C., 115, 353
 DAVIS, D. C., 72
 DAVIS, E., 441
 DAVISON, A. R., 104, 342
 DAWSON, A. M., 37
 DAWSON, J. P., 198
 DAY, J., 34
 DAZZI, C., 394
 DEACON, W. E., 26
 DEBAKEY, M. E., 239
 DEBEYRE, J., 176
 DEBUS, G. H., 266
 DECKER, D. G., 80
 DE CLIVE-LOWE, S. G., 392
 DE FRANCIS, N. A., 409
 DE FREITAS, A., 285
 DEICHER, H., 62
 DE LA HUERGA, J., 246
 DE LA PLACE, S., 417
 DEL CARMEN, F. T., 388
 DELP, M., 36
 DELTORO, R. A., 443
 DEMARTINI, F. E., 91
 DEMMY, N., 294
 DE MORAGAS, J. M., 62, 301
 DE MOWBRAY, R. R., 128, 457
 DENBOROUGH, M. A., 321
 DENSON, J. S., 468
 DENT, C. E., 107
 DENT, S., 317
 DEROBERT, L., 464
 DESFORGES, J. F., 198
 DESMOND, J., 392
 DETTLING, J., 316
 DEVINE, J. C., 75
 DE VRIES, J. A., 356
 DEWALL, R. A., 39
 DEWAR, W. A., 300
 DE WARDENBERG, H. E., 359
- DEXTER, L., 192
 DE YOUNG, V. R., 455*
 DIAMOND, H. D., 122, 357
 DIAMOND, L. K., 49
 DÍAZ, M., 149
 DÍAZ-RIVERA, R. S., 29, 30
 DICK, G. W. A., 218, 460
 DICK, L. A., 145
 DICKENMAN, R. C., 324
 DIDISHEIM, P., 226
 DILLER, L., 374
 DILLISTONE, F., 144
 DINEEN, J. K., 244
 DINES, D. E., 164
 DINGLE, J. T. M., 61
 DINMORE, P., 468
 DINTZIS, R., 55
 DITZEL, J., 135, 286, 363
 DIXON, J. W., 281
 DOBERTI, A., 149
 DOBKIN, A. B., 11, 246
 DOCTOR, L., 119
 DODD, B. E., 224
 DODGE, H. C., 391
 DOLE, V. P., 56
 DOLL, R., 172, 184, 471
 DOMEL, B., 368
 DONALD, J. C., 334
 DONATO, L. A., 266
 DONOHUE, R. F., 201
 DONZELOT, E., 351
 DORMER, A. E., 181, 191
 DORNHORST, A. C., 64
 DORSETT, J. D., 13
 DOTO, I. L., 94
 DOUB, L., 169
 DOUGLAS, A. C., 278, 279
 DOUGLAS, A. S., 275, 433
 DOUGLASS, R. C., 162
 DOULL, J. A., 342
 DOUTHWAITE, A. H., 261
 DOW, R. S., 295
 DOYLE, A. E., 193
 DREWETT, S. E., 417
 DREYFUS, B., 125
 DRILLIEN, C. M., 148
 DRIPPS, R. D., 469
 DRISCOLL, S. G., 454
 DROGIĆINA, E. A., 462
 DRUŽININA, K. V., 135
 DUBIN, D., 420
 DUBIN, I. N., 37*
 DUBINSKII, A. A., 118
 DUBOST, C., 356
 DUCKERS, J., 135
 DUDLEY, H. A. F., 5
 DUFFY, B. J., 181
 DUGGAN, J. J., 108
 DUL'CIN, M. S., 276
 DULKIN, S. I., 66
 DUNBAR, F. P., 385
 DUNBAR, J. M., 334
 DUNCAN, L. J. P., 135
 DUNDEE, J. W., 92, 157
 DUNN, M. T., 245
 DUPLAY, —, 464
 DUPLIŠČEVA, A. P., 245
 DU PREEZ, L., 232
 DURANT, J. R., 430
 DUTHIE, J. J. R., 61
 DUTREIX, J., 205
 DUTTON, G., 295
 DUXBURY, A. E., 311
 DWORKIN, D., 400
 DYNIEWICZ, J. M., 130
- EAGLE, W. W., 203
 EAKER, A. B., 51*
- EALES, L., 107
 EARLE, A. S., 136
 EBNOTHER, C. L., 188
 EDE, M., 379
 EDELMAN, G. M., 442
 EDESON, J. F. B., 257
 EDGILL, M., 271
 EDIDIN, B. D., 420
 EDLING, N. P. G., 319
 EDMONDS, O. P., 313
 EDVALL, C. A., 359
 EDWARDS, D. L., 402
 EDWARDS, J. E., 164, 190
 EDWARDS, J. H., 149
 EEK, S., 149
 EFFERSØE, P., 359
 EGGINK, A. A., 113
 EGOROV, JU. L., 153
 EHRENBURG, A., 137
 EISEMAN, B., 348
 EITINGER, L., 222
 ELAM, J. O., 466
 ELDERKIN, J., 49
 ELLIS, E. C., 404
 ELLIS, F. H., 35
 ELLIS, R. M., 297
 ELMES, P. C., 434
 EL'PINER, L. I., 459
 ELRICK, H., 286
 ELSTER, S. K., 82, 357
 ELY, R. S., 439
 EMERSON, H., 250
 EMMERICH, J., 424
 EMSON, H. E., 86
 ENACHE-CIUNTU, F., 432
 ENGBAER, L., 372
 ENGEL, H. L., 468
 ENGELST, A., 290
 ENGLE, M. A., 112, 350
 ENGLEMAN, E. P., 60, 137
 ENGLESON, G., 302
 ENZINGER, J., 13
 EPSTEIN, H. H., 174
 EPSTEIN, J., 389
 EPSTEIN, W. V., 60, 137
 ERGIN, K. H., 235
 ERIKSEN, E., 398
 ERLENDSSON, F., 444
 ERNST, L., 2
 ESCH, D., 24
 ESCHER, G. C., 16
 ESPINO VELA, J., 426
 ESTES, E. H., 107
 ESTES, J. E., 38
 ESTREN, S., 181
 ETTER, L. E., 77
 EVANS, B., 246
 EVANS, J. A., 134, 395
 EVANS, J. H., 64
 EVANS, J. M., 196
 EVELYN, K. A., 350
 EVEN, R., 462
 EZRIN, C., 11
- FABER, J. G., 356
 FABIAN, L. W., 317
 FABIYI, A., 328
 FABRE, C., 339
 FABRYKANT, M., 366
 FADEEVA, A. I., 232
 FADEEVA, T. I., 231
 FAHEY, J. L., 37
 FAIRDAIRN, A. S., 358, 383
 FAIRBROTHER, R. W., 369
 FAIRLEY, N. H., 29
 FAJNSTEIN, F. E., 276
 FALCONE, V. H., 26
 FALLET, G. H., 322
- FARABEE, L. B., 315
 FARBER, S., 260*
 FARQUHAR, J. W., 302
 FARRANT, P. C., 355
 FAST, B. B., 348
 FAZEKAS, J. F., 389
 FEDOROVA, N. I., 228
 FEGELER, F., 102
 FEILER, H., 381
 FEIN, H. D., 109
 FEINBERG, A. R., 344, 419
 FEINBERG, S. M., 344, 419
 FEIWEL, M., 138
 FENCIL, V., 282
 FENZ, E., 57
 FERGUSON, J. H., 226
 FERGUSON-SMITH, M. A., 361
 FERGUSSON, A. G., 300
 FERN, E., 32
 FERNANDEZ, H. P., 313, 314
 FERNANDEZ, J. V., 342
 FERNANDEZ DEL VALLADO, P., 368
 FERRIS, E. B., 48
 FIDDES, F. S., 234
 FIFE, R., 46
 FIGIEL, L. S., 237
 FIGIEL, S. J., 237
 FILIPČIK, V. I., 379
 FILIPP, G., 258
 FILSHIE, I., 390
 FINBERG, L., 87
 FINBY, N., 237, 319
 FINK, M., 299
 FINLAND, M., 169, 411
 FINNENSON, B. E., 447
 FINNEY, R., 394
 FINNEY, W., 218
 FIRKIN, B. G., 420
 FIRMAT, J., 62
 FISCHGOLD, —, 464
 FISCHGRUND, A., 210
 FISHER, C. M., 293
 FISHER, D. S., 375
 FISHER, E. R., 85
 FISHERMAN, E. W., 344, 419
 FITZPATRICK, M. J., 280
 FLACK, A., 460
 FLATLEY, F. J., 165, 384
 FLAVIAN, N., 12
 FLECK, L., 10
 FLEISCHMAIER, R., 223
 FLEISHER, G. A., 62
 FLEMING, D. S., 229
 FLEMING, P. R., 160
 FLETCHER, E., 272, 330
 FLICK, A., 318
 FLODMARK, S., 217
 FLORIO, L., 209
 FOKIN, A. S., 397
 FOLDES, F. F., 235
 FOLEY, W. T., 141, 220*
 FOMIČEVA, D. N., 232
 FOMIN, G. B., 473
 FORBES, G. B., 250
 FORBES, J. A., 250
 FORBES, R. Y., 383
 FORD, R. V., 91, 167, 195
 FOREMAN, H. M., 414
 FORFAR, J. O., 147, 306
 FORGACS, P., 98
 FORRESTER, A. C., 467
 FORSTER, F. M., 219
 FORSYTH, H. F., 332
 FORTUNATO, A., 88
 FOSTER-CARTER, A. F., 254
 FOULDS, H. P. S., 128
 FOUNTAIN, J. R., 49, 356
 FOWLER, D. I., 349
 FOWLER, R., 231

- FOX, J. P., 89, 90
 FOY, H., 105, 180
 FRANK, H. A., 271
 FRANK, L., 145
 FRANK, R. C., 153
 FRANKFURT, A. I., 4
 FRANKLIN, A. W., 148
 FRANKLIN, E. C., 442
 FRANKLIN, M., 246
 FRANKLIN, W., 344
 FRASER, D., 456
 FRAYSER, R., 437
 FRAYWORTH, E., 76
 FRAZER, S. C., 242
 FRAZIER, S. H., 65
 FREDERIC, D. C., 380
 FREDERIK, W. S., 248
 FREE, A. H., 5
 FREEDHEIM, D. K., 378
 FREEDMAN, P., 364
 FREEMAN, A. G., 363, 439
 FREEMAN, S., 208
 FREI, E., 200
 FREIERMUTH, L. J., 353
 FREINKEL, N., 131
 FREIS, E. D., 120
 FREISLEDERER, W., 381
 FREMONT, R. E., 265
 FRENCH, E. E., 275
 FRENCH, E. L., 243
 FRENCH, J. D., 110
 FRENCH, S. W., 51*
 FREUD, E. D., 129
 FREUND, J., 212
 FREUND, J. D., 378
 FREUNDLICH, E., 292
 FREW, I. J. C., 140
 FREYBERG, R. H., 289
 FRÉZAL, J., 70, 346
 FRICKE, R. E., 80
 FRIEDEL, H. L., 78
 FRIEDMAN, M., 80
 FRIEDMAN, S., 211
 FRIIS, T., 124
 FRIMANN-DALH, J., 238
 FRISCH, P., 267
 FRISKEY, R. W., 121
 FRITTS, H. W., 330
 FRITZ, A. J., 115
 FROESCH, E. R., 362
 FROLOV, N. I., 397
 FRUIN, R. C., 420
 FRYE, W. W., 17
 FRYERS, G. R., 93
 FUDENBERG, H., 199
 FUJIMORI, B., 373
 FULKERSON, L. L., 174
 FURCOLOW, M. L., 94
 FUTCHER, P. H., 364
 FYLER, D. C., 57
- GAÁL, M., 85
 GABRILOVE, J. L., 285
 GABUZDA, G. J., 347
 GADDIE, R., 349
 GAILANI, S., 375
 GAILEY, A. A. H., 451
 GAILITIS, J., 123
 GAJDUSEK, D. C., 1
 GALATIUS-JENSEN, F., 70
 GALBRAITH, H. J. B., 27, 279
 GALL, J. C., 307
 GALLA, S. J., 469
 GALLEY, A. H., 15
 GALLOWAY, T. McL., 172
 GALPINE, J. F., 71
 GAMSTORP, I., 372
 GANADO, W., 448
- GANATRA, R. D., 342
 GANDEVIA, B., 126
 GANTS, R. T., 133
 GANZ, A., 431
 GARAI, O., 119
 GARCIA OTERO, A., 178
 GARCÍA-PALMIERI, M. R., 30
 GARDNER, A. M. N., 278
 GARDNER, D. E., 151
 GARDNER, F., 390
 GARFINKEL, L., 97
 GARLAND, L. H., 80*
 GARRETT, A. S., 32
 GARRETT, M., 67, 379
 GARVEY, F. K., 283
 GARY, J. E., 396
 GASTAMBE-ODIER, M., 326
 GASTAUT, H., 457
 GATES, E. H., 404
 GATJE, B. W., 141
 GAYER, W., 391
 GEBERT, E., 249
 GEE, V. R., 79
 GEER, J. C., 323
 GELFAND, H. M., 89
 GEL'FON, I. A., 462
 GELLE, X., 205
 GELLER, J., 285
 GELLIS, S. S., 454
 GEMZELL, C. A., 205, 206
 GENEST, J., 274
 GERACI, J. E., 190, 265
 GERALD, P. S., 49
 GERE, J. B., 97
 GERLICH, N. A., 393
 GERMAIN, D., 367
 GERRITSEN, T., 166
 GERSHON, S., 92
 GERSTEN, J. W., 215
 GESTESH, T., 393
 GEZENCIEV, Z. A., 395
 GHENASSIA, S., 174
 GHOSE, S., 418
 GIBBONS, M. J., 367
 GIBBS, E. L., 307
 GIBBS, F. A., 307
 GIBBS, I. E., 295
 GIBBS, J. O., 347
 GIBSON, P. C., 54
 GIBSON, W., 270
 GIERHAKKE, F. W., 24
 GIERTZ, G., 368
 GIFFORD, R. W., 48, 196
 GJON-BANOS, J., 368
 GILBERT, C., 36
 GILBERT, E. F., 307*
 GILBERT, R. G. B., 392
 GILCHRIST, A. R., 47, 188
 GILLIATT, R. W., 446
 GILLIES, A. J., 286
 GILLIS, A., 294
 GILLMAN, J., 36
 GILSON, J. C., 313
 GILUNOVA, N. I., 283
 GINGOLD, N., 432
 GIROLAMI, M., 264
 GLENN, F., 112
 GLÖMME, J., 314
 GLOVER, R. P., 115, 116, 353
 GLUCK, L., 68
 GODTFREDSEN, A., 20
 GOEBEL, R., 57
 GOFTON, J. P., 216
 GOLD, H., 431
 GOLD, HERBERT, 429
 GOLDBERG, H., 427, 428
 GOLDBERG, H. P., 112, 350
 GOLDBERG, M. G., 163
 GOLDBERGER, E., 121*
 GOLDENTHAL, S., 236
- GOLDGRABER, M. B., 349
 GOLDING, J. R., 60
 GOLDMAN, D., 144
 GOLDMAN, H., 358
 GOLDMAN, M., 443
 GOLDMAN, V., 466
 GOLDSTEIN, E., 353
 GOLDSTEIN, M. M., 201
 GOLOMB, F. M., 170
 GOMEZ, F., 85
 GOOD, R. A., 456
 GOODGOLD, J., 139
 GOODMAN, H. C., 204*
 GOODMAN, N., 296
 GOODWIN, J. F., 266
 GOODWIN, L. G., 105
 GORBUNOVA, Z. V., 113
 GORDON, A., 409
 GORDON, G. S., 470
 GORDON, H., 107
 GORDON, W. L., 22
 GORE, A. T., 384
 GORE, I., 323
 GORESCO, I., 432
 GORMSEN, H., 164
 GORTEN, M. K., 146
 GOTT, V. L., 39
 GOULD, J. C., 16
 GOVEN, C. E., 283
 GRACIAKSKAJA, L. N., 154
 GRADY, H. J., 287
 GRAF, L., 161
 GRAHAM, J. A. G., 308
 GRAHAM, J. H., 300
 GRAHAM-STEWART, C. W., 27
 GRANSTON, A. S., 174
 GRANT, I. W. B., 98, 278, 279
 GRANT, L. S., 460
 GRAVES, F. T., 86
 GRAY, R., 92
 GREEN, D. M., 462
 GREEN, H. D., 470
 GREEN, P. T., 277
 GREEN, W. T., 335
 GREENBERG, N. H., 296
 GREENE, R., 132
 GREENWOOD, R., 405
 GREGG, R. A., 215
 GREGORY, R. L., 52
 GREINER, T. H., 431
 GRESHAM, G. A., 324
 GRIEBLE, H. G., 53, 204
 GRIFFITH, H., 388
 GRIFFITHS, J. D., 18
 GRIFFITHS, R., 144
 GRIST, N. R., 151, 152
 GROB, D., 316, 449, 465
 GROSS, G. E., 299
 GROSS, J. F., 111
 GROSS, R., 170
 GROSSE-BROCKHOFF, F., 425
 GROSSKREUTZ, D. C., 317
 GROSSMAN, M. I., 264*
 GROSSOWICZ, N., 422
 DE GROUCHY, J., 70
 GRUBER, C. M., 332
 GRÜTTNER, R., 221
 GRUNER, J. E., 464
 GUÉRY, J., 356
 GUGGENHEIM, P., 298
 GUICHIRIT, I., 49
 GUIN, G. H., 307*
 GUIOT, G., 467
 GULLMO, A., 320
 GULOTTA, G. A., 59
 GUMPORT, S. L., 170
 GUNNING, A. J., 269
 GUNTHER, M., 224
 GUNTHER, O., 207
 GURDJIAN, E. S., 374
- GUREVIČ, L. I., 355
 GUTEL, C., 189
 GUTHRIE, J., 417
 GUTMAN, A. B., 63, 285
 GUTTMANN, R. J., 240
 GUYET, P., 9
- HAANEN, C. A. M., 277
 HABEL, K., 90
 HADFIELD, J. A., 450
 HADLEY, G. D., 182
 HADLEY, W. B., 363
 HADZAI, JA. I., 118
 HAGELSTEEN, H., 149
 HAGEN, E., 8
 HALE, E., 111
 HALL, G. H., 440
 HALL, P., 427
 HALLER, J. A., 41
 HALPERN, B. N., 259
 HAMBURGER, W. W., 143
 HAMILTON, G. M., 128, 328
 HAMILTON, M., 193
 HAMILTON, W. K., 75
 HAMMON, W. McD., 88
 HAMMOND, E. C., 308, 309
 HAMMOND, J. H., 58
 HAMPSON, J., 265
 HANBURY, W. J., 436
 HANCOCK, E. W., 116
 HANDLEY, C. A., 91
 HANDSCHUMACHER, R. E., 170
 HANLEY, T., 354
 HANLON, D. G., 197
 HANNON, J. L., 51*
 HANOUNE, S., 215
 HANSEN, J. M., 235*
 HANSEN, P. F., 43
 HARDY, A. V., 385
 HARDY, N., 341
 HARDY, W. G., 374
 HARE, R., 73
 HARGREAVES, E. R., 55, 289
 HARGROVE, R. L., 157
 HARRINGTON, K., 408
 HARRINGTON, M., 167
 HARINSKIJ, A. N., 397
 HARIZANOVA, M. S., 394
 HARKEN, D. E., 115, 192
 HARLEY, H. R. S., 114
 HAROUTUNIAN, L. M., 426
 HARRIS, A., 26
 HARRIS, L. C., 173
 HARRIS, P., 330
 HARRIS, PHILLIP, 292
 HARRIS, R. S., 420
 HARRIS, T. N., 211
 HARRISON, J., 63
 HARRISON, J. W., 370
 HARRISON, W., 58
 HARRISON, J. W. E., 316
 HART, F. D., 60
 HARTE, M. S., 175
 HARTFELD, H., 213
 HARTOG, H. A. P., 113
 HARTUNG, E. F., 213
 HARUN, J. S., 452
 HARVALD, B., 347
 HASLAM, R. M., 262
 HASLUP, A. L., 364
 HASTINGS, E. P., 317
 HAUS, E., 59
 HAVENS, W. P., 89
 HAVLIK, J., 165
 HAWKINS, C. F., 124
 HAY, J. D., 25
 HAYDAR, N. A., 206
 HAYLES, A. B., 307

HAYMAKER, W., 84
 HAYNES, F. W., 192
 HAYWARD-BUTT, J. T., 75
 HAZEL, M. M., 57
 HEARD, B. E., 401
 HEASMAN, M. A., 9
 HEATH, R. B., 327, 328
 HEATHCOTE, J. G., 276
 HEEREN, R. H., 94
 HEGGLIN, O., 156
 HEIDER, C., 195
 HEILMAN, F. R., 265, 411
 HEIM DE BALSAC, R., 356
 HEINEMANN, H. O., 91
 HEINIVAARA, O., 101
 HEJL, Z., 282
 HELANDER, C. G., 319
 HELLE, I., 330
 HELLIER, F. F., 153
 HELMSWORTH, F. W., 391
 HELWIG, E. B., 300
 HEMPHILL, R. E., 376
 HENDERSON, L. L., 258
 HENDRICKSE, R. G., 417
 HENDRIX, T. R., 12
 HENLE, W., 328
 HENNER, R., 380
 HENRARD, A., 216*
 HENSCHKE, U. K., 318, 475
 HERFORT, R. A., 59
 HERLIN, L., 2
 HERMAN, L., 406
 HERMANN, J. F., 443
 HERNDON, R. F., 208
 HERRMANN, R. E., 94
 HERRMANN, W., 24
 HEWITT, D., 458
 HICKHAM, J. B., 437
 HICKLING, R. A., 122
 HICKS, R., 363
 HIGANO, N., 118
 HILDEN, T., 164
 HILDERMAN, H. L., 107
 HILL, A. BRADFORD, 172
 HILL, D., 142
 HILL, N. C., 65
 HILL, R., 13
 HILLEMANN, M. R., 165, 384
 HILLEY, L., 345
 HILLIS, B. R., 278
 HIMBERT, J., 350
 HIMES, H. W., 403*
 HINDMAN, W. M., 84
 HINE, C. H., 154
 HINES, E. A., 48, 196
 HINMAN, A., 225
 HIRAKI, K., 386
 HIROSE, T., 269
 HIRSHLEIFER, I., 14
 HJORTH, A., 391
 HJORTH, N., 106
 HOAGLAND, H., 222*
 HOBBY, G. L., 93, 411
 HOBBSLEY, M., 125
 HOBSON, F. G., 335
 HODGE, H. C., 151
 HODSDON, M., 146
 HOFFER, P. F. A., 291
 HOGO, G., 454
 HOHMAN, L. B., 378
 HÖJEBERG, S., 375
 HÖKFELT, B., 285
 HOLDEN, W. D., 33
 HOLLAND, W. W., 328
 HOLLANDER, F., 81
 HOLLANDER, W., 274
 HOLLENBERG, M. J., 277
 HOLLMAN, A., 40
 HOLMAN, C. B., 35
 HOLMAN, H. R., 62

HOLMAN, ROY L., 180
 HOLMAN, RUSSELL L., 323
 HOLMES, G. W., 215
 HOLMES, J. MACD., 294
 HOLMES, R., 231
 HOLMQUIST, C. E., 314
 HOLOGGITAS, J., 123
 HOLOWACH, J., 448
 HOLSWADE, G. R., 112
 HOLT, K. S., 57
 HOLT, P. R., 18
 HOLTZER, A., 259
 HOLZEL, A., 3
 HOMICKAJA, T. A., 456
 HOOFT, C., 438*
 HOPE, J. W., 237
 HORLER, A. R., 432
 HORN, D., 308, 309
 HORNE, N. W., 98
 HORNER, F. A., 334
 HORNUNG, S., 24
 HOROŠANSKAJA, D. I., 232
 HORSTMANN, D. M., 18, 404*
 HOWARD, J. E., 131
 HOWARD, J. M., 247
 HOWARD, R. M., 69
 HOWITT, G., 46
 HOWLAND, D. E., 317
 HOYLE, C., 280
 HSIA, D. Y. Y., 143
 HUBBARD, T. F., 429
 HUBER, N., 131
 HUEBNER, R. J., 94
 HÜGIN, W., 391
 HUFNER, F. R., 402
 HUGHES, E. W., 254
 HUGHES, J. P., 172
 HUGHES, W., 295
 HUGH-JONES, P., 126, 258
 HUME, R., 44
 HUMMELL, P. R., 329
 HUMOLLER, F. L., 272
 HUMPHREYS, E. M., 349
 HUNT, J. C., 197
 HUNT, J. N., 261
 HUNT, T. A., 313
 HUNTER, F. M., 420*
 HUNTER, R. B., 136
 HURLEY, H. J., 223
 HURT, R. L., 271
 HUSSEY, C. V., 356
 HUTCHINSON, C. A., 32*, 311*
 HUTCHINSON, E. C., 372
 HUTCHINSON, G. B., 134
 HUTT, M. S. R., 359
 HUTTON, C. F., 261
 IANNONE, A., 217
 IDEL'SON, L. I., 242
 IKKOS, D., 205, 206
 ILLINGWORTH, R. S., 57, 380, 457*
 IMAGAWA, D. T., 404
 INGBAR, S. H., 131
 INGELFINGER, F. J., 12
 INNERFIELD, I., 329
 INOUE, J., 414
 IRBY, R., 212
 IRWIN, J. W., 344
 ISAAC, F., 236
 ISAACS, A., 328
 ISHIBASHI, Y., 373
 ISHIZUKA, T., 414
 ISLEY, J. K., 182
 ISRAËLS, M. C. G., 162, 226
 ITO, T., 350
 IVÁDY, G., 148
 IVANOV, N. I., 462

IVERSEN, K., 262
 IVERSEN, P., 164
 JABLONSKA, S., 145
 JACKSON, G. G., 53, 204
 JACOB, G. F., 434
 JACOBS, M. L., 476
 JACOBSON, B., 267
 JACOBSON, H. G., 396
 JACOBSON, S. D., 162
 JACOBY, J., 75
 JAFFE, H. L., 187, 429
 JAFFE, J. J., 170
 JAGER, B. V., 465
 JAILER, J. W., 134
 JAIMET, C. H., 266
 JAKOBY, R. K., 219
 JAKOBY, W. B., 219
 JAMES, A. T., 303
 JAMES, D. M., 313
 JAMES, J. D., 50
 JAMES, T. N., 272
 JAMIESON, W. M., 334, 462
 JANOWITZ, H. D., 81
 JARDIN, C., 31
 JARRETT, A., 67
 JÄRVINEN, K. A. J., 82
 JARYGIN, N. E., 325
 JAY, J. B., 133
 JEANJEAN, Y., 259
 JEFFERIES, M. B., 385
 JENKINS, A. V., 235
 JENKINS, J. S., 134
 JENKINS, K. H., 256
 JERVIS, G. A., 460
 JESIOTR, M., 98
 JESPERSON, K., 7
 JEVONS, M. P., 18
 JACK, S., 353
 JOEKES, A. M., 156
 JOHNS, R. J., 316, 449, 465
 JOHNSON, D. E., 36
 JOHNSON, E. S., 94
 JOHNSON, J. B., 111
 JOHNSON, J. M., 338
 JOHNSON, L. C., 291
 JOHNSON, O., 94
 JOHNSTON, M. W., 131
 JOINER, C. L., 56
 JOLY, F., 43
 JONES, A. L., 377
 JONES, A. M., 191
 JONES, C. H., 162
 JONES, F. AVERY, 184
 JONES, K. K., 214
 JONES, K. W., 279
 JONES, N. C. HUGHES, 123
 JONES, O., 256
 JONES, P. O., 157, 195
 JONES, R. E., 469
 JONES, W. F., 169, 411
 JÖRGENSEN, R. S., 373
 JORY, H. I., 252
 JOSE, A. D., 13
 JOSEPH, M. C., 224, 333, 350
 JOSEPH, S. I., 468
 JOSEPHS, H. W., 181*
 JOSEPHSON, A. M., 122, 400
 JUDAIEV, N. A., 135
 JUDSON, W. E., 274
 JUHL, J. H., 40
 JUMBALA, P., 115
 KAHN, D. S., 81
 KAJANOVIČ, V. A., 232
 KALANT, N., 287

KALLIOMÄKI, J. L., 53
 KALMANSOHN, R. B., 425
 KALMANSOHN, R. W., 425
 KALODNER, A., 177
 KAMENER, R., 358
 KANAZAWA, M., 138
 KANDROR, I. S., 345
 KANOF, N. B., 223
 KANTOR, M., 266
 KAPLAN, B. I., 256
 KAPLAN, E., 420
 KAPLAN, I., 393
 KAPLAN, M., 210
 KAPLAN, M. H., 57
 KAPLAN, M. M., 90, 95
 KAPLAN, M. R., 66
 KAPLAN, S. A., 388
 KAPUSTINA, E. V., 219
 KARK, R. M., 282
 KARLSON, A. G., 333
 KARNOFSKY, D. A., 16
 KASANEN, A., 53
 KASICH, A. M., 109, 184
 KASSANDER, P., 287
 KATAYAMA, R., 414
 KATTUS, A. A., 202
 KATZ, S., 201
 KAUPMEES, L., 311
 KAZAKEVIC, M. A., 462
 KEE, J. L., 51
 KEECH, M. K., 241
 KEEN, H., 350
 KEERS, R. Y., 77
 KEEVER, I. C., 182
 KEEVIL, J. H., 295
 KEHL, R., 182
 KEITH, H. M., 307
 KEITH, J. D., 189
 KELLERSHOHN, C., 284
 KELLEY, V. C., 439
 KELLGREN, J. H., 61, 62, 369
 KELLY, J. J., 189
 KELSALL, G. A., 455
 KEMP, C. R., 246
 KENDALL, P. H., 137
 KENDIG, E. L., 173
 KENEDI, I., 354
 KENNEDY, A. C., 429
 KENNEDY, M. C. S., 106
 KENNEDY, W. A., 142
 KENT, G., 401
 KENT, J. F., 178
 KEPES, E. R., 392
 KERRASTARD, P., 31
 KERENYI, A. B., 297
 KERNEN, J. A., 402
 KERSTING, D. W., 145*
 KEVES, L. E., 318
 KEVY, S., 305
 KEY, J. A., 127
 KEYS, A., 117
 KEYS, M. H., 117
 KHURI, A. A., 281
 KIEFER, E. D., 186
 KIEFER, J. H., 282
 KIEVITS, J. H., 6
 KILLANDER, A., 64, 199, 435
 KILLIP, T., 428
 KILLOUGH, J. H., 342
 KILPATRICK, S. J., 226*
 KIMURA, N., 117
 KINCAID-SMITH, P., 167, 194, 408
 KING, A., 100
 KING, R. C., 336
 KING, S. H., 368
 KINGMA, H., 234*
 KINSELL, L. W., 121
 KIRCHNER, K., 215
 KIRK, R. L., 455
 KIRKLIN, J. W., 38

- KIRSNER, J. B., 110*, 349
 KISIS, S. JA., 422
 KISSLING, R. E., 90
 KISTNER, S. A., 321
 KITCHELL, J. R., 116, 353
 KITTLE, C. F., 280
 KLATCHKO, J., 89
 KLEIN, D. M., 374*
 KLEINFELDER, H., 249
 KLEINMAN, H., 229
 KLEMENTS, J., 409
 KLEPZIG, H., 267, 424
 KNIGHT, W. A., 409
 KNOX, J. D. E., 61
 KNOX, J. R., 470
 KNOX, W. E., 143
 KNUDSEN, E. J., 391
 KNUDSEN, K. B., 204
 KOBERNICK, S. D., 2
 KOCH, R., 304
 KODAMA, J. K., 154
 KÖNIG, E., 47
 KÖNN, G., 254
 KOIW, E., 274
 KOIZUMI, I., 414
 KOLESNIKOV, D. G., 118
 KOMAROV, A., 90
 KOMKOVA, O. A., 326
 KOMROWER, G. M., 3
 KONDI, A., 105, 180
 KONDRAKOV, V. M., 397
 KONNO, K., 327
 KOOL, R., 104, 166
 KOPP, H., 101
 KOPROWSKI, H., 89, 90, 460
 KORETSKY, S., 167
 KOSZEWSKI, B. J., 410
 KOTAKE, Y., 138
 KOULUMIES, R., 101
 KOVACH, R., 389
 KOWLESSAR, M., 250
 KOYANO, K., 84
 KOŽEVNIKOVA, Z. I., 232
 KRABBEHOFT, K. L., 239
 KRAEVSKIJ, N. A., 198
 KRALJEVIC, R., 279
 KRANE, S. M., 54
 KRANTZ, J. C., 76
 KRASNICKAJA, E. S., 231
 KRATKOVÁ, E., 282
 KRAUSS, H., 267
 KREBS, H., 296
 KRIEGER, H., 33
 KRISTENSEN, H. P. Ø., 124
 KROESE, W. F. S., 356
 KRON, K. M., 443
 KROVETZ, L. J., 229
 KRUSE, R. D., 445
 KUENTZ, M., 357
 KUIPERS, F., 113
 KULAGIN, S. M., 228
 KUNICKA, A., 10
 KUNKEL, H. G., 62, 442
 KURZMANN, R., 327
 KUSUKAWA, A., 117
 KUTANOVA, T. N., 23
 KUZMIN, V. A., 397
 KWIT, N. T., 431
 KWITTEN, J., 84
 KYLE, R. H., 116, 353
- LAANE, C. L., 222
 LABARBERA, S. A., 174
 LACHAINE, R. A., 245
 LAFON, —, 464
 LAGUČEV, S. S., 397
 LAHELLE, O., 19
 LAIDLAW, J., 262
- LAIDLAW, J. C., 206
 LAIRD, S. M., 26
 LAMBERS, K., 170
 LAMBOTTE-LEGRAND, C., 433
 LAMBOTTE-LEGRAND, J., 433
 LAMBRECHTS, A., 305
 LAMOTTA, E. P., 59
 LAMPERT, R., 17
 LAMY, M., 70, 346
 LANCASTER, W. M., 365
 LANCELEY, F., 327
 LANDAU, E., 392
 LANGE, H. F., 12
 LANGE, K., 13
 LANGE, R. D., 197
 LANGFELDT, G., 222
 LANGFORD, R. F., 304
 LANGLANDS, J. H. M., 334
 LANIÈRE, M., 296
 LANSING, A. M., 407
 LAPHAM, L. W., 65
 LAPP, H., 401
 LARAGH, J. H., 91
 LARGE, S. E., 414
 LARMINIE, H. E., 151, 152
 LARSEN, N., 117
 LASKIEWICZ, A., 370
 LASSEN, N. A., 282
 LASSER, R. P., 187
 LATIES, V. G., 299*
 LATNER, A. L., 360
 LATOTZKI, H., 207
 LATSCHA, B., 427
 LAURAS, A., 296
 LAURENCE, D. R., 337
 LAURET, L., 31
 LAURIE, W., 341
 LAURSEN, T., 43
 LAVAL, E., 279
 LAVIRON, P., 31
 LAWRENCE, J. H., 317
 LAWRENCE, J. S., 61, 62
 LAWSON, B., 335
 LAWSON, D., 306
 LAWSON, J. I. M., 317*
 LAWTHORP, P. J., 71
 LAZAR, H. P., 58
 LAZARUS, S. S., 207
 LEAR, E., 235
 LE BAUDOUR, J., 289
 LEBEDEV, A. P., 423
 LEBEDEV, B. M., 301
 LEBOEUF, G., 274
 LECKIE, W. J. H., 155, 279
 LEDINGHAM, J. M., 48
 LEE, C. T., 56
 LEE, J. A. H., 151
 LEE, R., 245
 LEES, F., 164
 LÉGER, L., 9, 189
 LEHAN, P. H., 94
 LEHMAN, E., 78
 LEHMUS, V., 419
 LEIGH, M. D., 158
 LEITCH, A., 376
 LEITHEAD, C. S., 417
 LEJEUNE, E., 62, 453
 LE JOUBIUX, —, 22
 LELONG, M., 412
 LEMMON, A. B., 232
 LEMMON, W. M., 273
 LENDING, M., 291
 LENÈGRE, J., 121, 350
 LENERT, T. F., 93, 411
 LENNETTE, E. H., 71
 LENNOX, M. A., 234
 LENOBLE, E., 357
 LENTZ, J. W., 177
 LEONARD, B. J., 162, 372
 LEPESCHKIN, E., 192
- LÉPINE, P., 90, 412
 LEROY, J., 60
 LESSE, S., 291
 LESTER, R. G., 111
 LESTINA, F. A., 208
 LESTRADET, H., 346
 LE-TAN-VINH, 412
 LETHBRIDGE, V. R. E., 466
 LEUCUTIA, T., 239
 LEVEY, S., 33
 LEVICK, R. K., 414
 LEVINE, R., 366
 LEVINE, S. A., 120
 LEVINSON, D. J., 165, 384
 LEVI-VALENSI, A., 174, 253
 LEVKINA, L. I., 69
 LEVKOVA, N. A., 81, 398
 LEWIS, A. G., 385
 LEWIS, B., 107, 260
 LEWIS, G. B., 158
 LEWIS, G. K., 209
 LEWIS, J. H., 226
 LEWIS, L. A., 145
 LEWIS, L. G., 80
 LEWIS, R. A., 342
 LIACHOWITZ, C., 49
 LIACOPOULOS, P., 259
 LIAO, S. J., 371
 LICHTENBERG, F., 30
 LIEBERMAN, J., 66
 LIEBERMAN, S., 56
 LIEF, F. S., 328
 LIKAR, M., 171, 326
 LIKOFF, W., 427
 LILLEHEI, C. W., 39, 111
 LIN, T. K., 280
 LINCOLN, E. M., 173, 339
 LIND, H. E., 53
 LINDARS, D. C., 340
 LINDE, H. W., 469
 LINDEN, R. J., 269
 LINENTHAL, A. J., 270
 LINEVIČ, T. B., 462
 LING, A. S. C., 76
 LINMAN, J. W., 2
 LINN, L., 221
 LIPKO, A. A., 251
 LIPSCOMB, W. R., 58
 LIPSETT, M. B., 62
 LISKER, R., 122
 LISS, L., 85
 LITCHFIELD, J. W., 270
 LOBANOVA, K. P., 386
 LOBSTEIN, O. E., 66
 LOCKET, S., 329
 LOCKIE, L. M., 444
 LOEWENSTEIN, F., 355
 LOGE, J. P., 197
 LONG, C. N., 55
 LONG, M. J., 2
 LONGSON, D., 134
 LOOGEN, F., 112
 LORBER, J., 57, 252, 304
 LOSNER, S., 265
 LOTT, J. S., 240
 LOUDON, R. G., 338
 LOUGHEED, W. M., 140, 158
 LOUWETTE, R., 305
 LOVIN, B. J., 439
 LOWE, C. R., 231
 LOWE, K. G., 156
 LOWELL, F. C., 258, 344, 406*
 LOWMAN, E. W., 216
 LOWMAN, R. M., 236
 LUBRAN, M., 242
 LUCCHESI, M., 413
 LUDWIG, E. H., 88
 LUECKING, M. L., 165, 384
 LUFT, R., 205, 206
 LUGER, A., 103
- LUISADA, A. A., 351, 408
 LUKAS, D. S., 428
 LUKASIAK, B., 145
 LUMB, G., 186
 LUNDSTRÖM, R., 9, 400
 LUNEL, J., 339
 LURIE, A. A., 469
 LUSTINEC, K., 315
 LUTZ, W., 232
 LYNCH, M. J. G., 324
 LYONS, H. A., 189
 LYONS, R. H., 408
 LYSSELL, L., 400
- MAAS, G. I., 58
 MAC, D. I., 358
 MACALPINE, I., 301
 MACARTHUR, A. M., 99
 MACCABE, A. F., 147
 MCCALLUM, D. I., 452
 MCCANCE, I., 92
 MCCARTHY, T. F., 51
 MCCONNELL, F., 172
 MCCREA, P. C., 213
 MCCULLOUGH, N. B., 94, 200
 MCDERMOTT, M., 313
 MCDEVITT, E., 141, 200*
 MACDONALD, A., 32
 McDONALD, H. J., 161
 McDONALD, J. R., 301
 McDONALD, L., 271
 MACDONALD, W. B., 303
 MACDOUGALL, L. G., 69
 MCDOWELL, L. A., 338
 MCEACHEN, D. G., 474
 MCENTEGART, M. G., 327
 MACFARLANE, A., 6
 MACFARLANE, J. P., 295
 MCGILL, H. C., 323
 MCGOVERN, F. H., 281
 MACGREGOR, A. G., 33
 MACGREGOR, L. G., 151, 152
 MCGREGOR, M., 358
 MACHAFFIE, R. A., 272
 MACHO, L., 361
 MACINTYRE, W. J., 78
 MACIVER, I. N., 140
 MACKAY, I. R., 1
 MACKAY, I. R., 244
 MCKENDRICK, C. S., 195
 MCKENNA, W. B., 152
 MACKENZIE, D. H., 60
 MACKENZIE, I., 66
 MCKEOWN, F., 218
 MCKEOWN, T., 227
 MCKERROW, C. B., 313
 MCKILLOP, E. J., 310
 MCKISSOCK, W., 448
 MACLAREN, I. F., 5
 MACLAREN, J., 37
 MCCLAUGHLIN, J., 152
 MCLEAN, D., 144
 MACLEAN, D. A., 152
 MCLEAN, D. C., 211
 MCLEAN, D. M., 19
 MACLEAN, J. P., 277
 MCLEAN, K. H., 7, 243
 MCLEOD, D. L., 165
 MACLEOD, R. C., 73, 151
 MCMICHAEL, J., 194
 MCMILLAN, G. C., 193
 MCMILLAN, R. L., 322
 MCNAUGHT, W., 166, 405
 MCNICOL, C. A., 402
 MCNICOL, M., 310
 MCQUEEN, E. G., 193
 MACRIS, S. G., 451
 MACRUZ, R., 425
 MADISON, L. L., 365

- MADISON, W. M., 116
 MADSEN, S., 262
 MAEGRAITH, B., 417
 MAGALINI, S. I., 321
 MAGILL, G. B., 16, 342
 MAGILL, J. W., 16
 MAGGS, R., 450
 VON MAGNUS, H., 20
 MAHL, M., 13
 MAHLER, R. F., 136
 MAHONEY, J. P., 275
 MAHOOD, E., 213
 MAINZER, F., 351
 MAIS, R. F., 226
 MALECH, G., 401
 MALIS, L. I., 236
 MALONEY, A. F. J., 6
 MALOTT, R., 231
 MALYKIN, P. J., 415
 MAN, E. B., 380
 MANASSERO, J., 457
 MANCALL, E. L., 447
 MANCHESTER, B., 44
 MANDL, D., 354
 MANLEY, K. A., 270
 MANNING, E. L., 206
 MANNING, R. T., 36
 MARBLE, A., 440
 MARCENAC, L., 189
 MARCHAND, E. J., 29, 30
 MARCIAL-ROJAS, R. A., 29
 MARCUS, P. S., 247
 MARGERISON, J. H., 446
 MARGOLIS, B. R., 392
 MARIA, F. L. S., 343
 MARINACCI, A. A., 372
 MARK, H., 267
 MARKS, B. L., 278
 MARKS, J., 313
 MARLAND, P., 340*
 MARLEY, E., 15, 388
 MARRACK, D., 14
 MARSHALL, R., 280
 MARSHALL, V. F., 473
 MARTIN, J., 284
 MARTIN, W. J., 411
 MARTINI, P., 24
 DE MARZO, V., 244
 MASON, R. M., 213
 MASRI, M. S., 400
 MASSARELLI, J. J., 38
 MASSARELLI, L. G., 45
 MASSEL, B. F., 57
 MASSON, A. H. B., 414
 MASTELLONE, A. F., 215
 MASTER, A. M., 187
 MASTERS, P. L., 72, 326
 MASUREL, N., 310
 MATHÉ, G., 249
 MATHESON, J. G., 140
 MATHESON, N. A., 331
 MATHESON, R., 32
 MATHEWS, D. K., 445
 MATSUOKA, S., 84
 MATTHEWS, M. B., 265
 MATTHEWS, M. J., 201
 MAUDSLEY, C., 372
 MAUTNER, H., 57
 MAUVOISIN, F., 216
 MAYER, J. H., 290
 MAYNE, G. O., 101
 MAZEIKA, I., 245
 MAZUR, B., 72
 MEDD, W. E., 346
 MEDICAL RESEARCH COUNCIL,
 384
 MEDICAL RESEARCH COUNCIL
 COMMITTEE ON INFLUENZA AND
 OTHER RESPIRATORY VIRUS
 VACCINES, 228
 MEDICAL RESEARCH COUNCIL,
 COMMITTEE ON THE STANDARD-
 IZATION OF FREEZE-DRIED
 B.C.G. VACCINE, 173
 MEGIRIAN, R., 247
 MEHNERT, H., 440
 MEIKLE, M., 347
 MEIKLE, R. W., 390
 MELNICK, J. L., 72
 MEL'NIKOVA, E. A., 386
 MELROSE, A. G., 183
 MENDEL, D., 128
 MENDEZ, R. L., 326
 MENNEER, P. C., 252
 MENON, J. A., 387
 MERRIAM, J. C., 196
 MERRILL, D. L., 340
 METZLER, I., 5
 MEYER, J., 259
 MEYER, J. S., 141
 MEYNELL, M. J., 124, 349
 MICHAELS, G. D., 121
 MICHELSON, A. L., 258, 344, 406*
 MICHOTTE, L. J., 369
 MIDDLEMISS, K. C. H., 79
 MIESCHER, P., 6
 MIHAJLOVA, N. P., 232
 MIKELADZE, K. D., 261
 MILLAR, R. A., 392
 MILLER, F. J. W., 97
 MILLER, H. C., 224
 MILLER, J. H., 17
 MILLER, J. M., 57
 MILLER, W. F., 445
 MILLIKAN, C. H., 65, 220, 293
 MILLS, C. A., 51
 MILLS, H., 202
 MILNE, J. A., 300
 MILNE, M. D., 408
 MINEAR, W. L., 140
 MINKENHOF, J. E., 336
 MINVILLE, —, 464
 MIROPOLSKAJA, I. L., 232
 MIRREY, J. R., 295
 MIRSKY, I. A., 184*
 MISRA, D. P., 51
 MITCHELL, R. S., 24, 340*
 MITCHELL, S. C., 189
 MITCHELL, T. G., 4
 MITEV, I. P., 394
 MIYAKE, M., 84
 MIYOSHI, K., 414
 MIZJAK, L. E., 358
 MODEL, A., 458
 MOELLER, H. C., 347
 MOIGNETEAU, C. R., 255
 MOIR, T. W., 46
 MOLDENHAUER, W., 474
 MOLINA, C., 253
 MØLLER, H., 150
 MOLLIN, D. L., 434
 MOLTKE, E., 431
 MONCRIEFF, A., 144
 MONTGOMERY, H., 301
 MOODY, M. D., 404
 MOONEY, F. S., 276
 MOORE, C. V., 197
 MOORE, D. C., 75
 MOORE, D. F., 474
 MOORE, J., 436
 MORE, R. H., 8
 MORELL, A. G., 420
 MORELLO, A., 473
 MORENO, L., 149
 MORGAN, D. C., 132
 MORGAN, T. N., 331
 MORLEDGE, J. H., 65
 MORLEY, D. C., 334
 MORLEY, T. P., 140
 MORRELL, F., 217, 248
 MORRIS, T. G., 313
 MORRIS, T. L., 354
 MORRIS-OWEN, R. M., 183, 259
 MORROW, A. G., 41, 42, 191, 425
 MORSE, D. P., 269
 MORTENS, J., 150
 MORTON, J. V., 366
 MORTON, R. S., 100
 MOSCHIDES, E., 321
 MOSHER, R. E., 58
 MOSIER, J. M., 332
 MOSTERT, J. W., 157
 MOTOLA, B., 123
 MOULTON, R., 364
 MOUNSEY, P., 41
 MOURATOFF, G., 13
 MOURIQUAND, C., 367
 MOUTIER, F., 109
 MOUZAS, G. L., 360
 MOVAT, H. Z., 8
 MOVIUS, H. J., 110
 MOXHAM, A., 285
 MOYER, J. H., 91, 167, 168, 195,
 239
 MUEHRCKE, R. C., 282
 MÜLLER, F., 221
 MÜNCH, W., 274
 MUHLEISEN, J. P., 17
 MUKHERJEE, S., 418
 MULDER, J., 310
 MULLER, A. F., 206
 MUNKITTRICK, R. C., 277
 MUNRO, D. S., 439
 MURDOCH, J. McC., 54
 MURPHY, E. A., 194
 MURPHY, J. P., 188
 MURRAY, D. B., 286
 MURRAY, I., 365
 MURRAY, I. P. C., 132, 362
 MURRAY, R. S., 213, 238
 MUSHIN, W. W., 468
 MUŠINA-UDGODSKAJA, L. N., 472
 MUSSHOF, K., 267, 424
 MUSTARD, W. T., 189
 MYERS, R., 87
 MYERS, W. P. L., 16
 MYERSON, R. M., 89
 NABARRO, J. D. N., 14, 285
 NADAS, A. S., 113
 NAGEL, H., 250
 NAIRN, R. C., 327
 NAISH, N., 305
 NAMBA, T., 386
 NANDI, R., 418
 NANSON, E. M., 474
 NARBONE, N. B., 353
 NASHESKY, G. M., 289
 NASSAU, E., 128, 243, 328
 NATELSON, S., 260
 NATHAN, P. W., 15, 139
 NATHANS, D., 37
 NATHANSON, M., 65
 NAVARATNE, R. A., 412*
 NECIUK-SZCZERBIŃSKI, Z., 24
 NEILL, C., 41
 NEILL, C. A., 426
 NEILL, D. W., 161, 451
 NEIMANN, N., 68, 284
 NEISH, D. D., 344
 NELSON, P. A., 371
 NELSON, S. W., 396
 NEMOURS-AUGUSTE, M. H., 108
 NESLINE, M. D., 335
 NEUHAUS, E. C., 376
 NEUMANN, G., 175
 NEUSTADT, D. H., 208
 NEWMAN, F., 241
 NEWTON, G. G. F., 333*
 NÉZELOF, C., 403
 NGAI, S. H., 470
 NICHOLS, P. S., 393
 NICHOLLS, J. V. V., 350
 NICHOLS, D. R., 265, 411
 NICHOLSON, B., 32
 NICHOLSON, W. F., 191
 NICKSON, J. J., 394
 NICOL, C. S., 27, 416
 NIEWEG, H. O., 356
 NIKITINA, G. N., 395
 NINANE, G., 460
 NISHIMURA, N., 138
 NISSEN, N. I., 286, 410
 NITZ, R. E., 71
 NIWAYAMA, G., 2
 NOBLE, T. A., 247
 NOE, F. E., 126
 NORCROSS, B. M., 444
 NORDYKE, R. A., 264, 431*
 NORLÉN, G., 159
 NORMAN, L. R., 270
 NORTH, J., 392
 NOSIK, W. A., 294
 NOUR-ELDIN, F., 226
 NOVACK, P., 192
 NOWACZYNSKI, W., 274
 NUGENT, B. O., 364
 NUNN, J. F., 391, 466
 OATES, J. K., 179, 213, 238, 256
 OBERSTEG, J. I., 156
 O'BRIEN, E., 10*
 O'BRIEN, J. R., 118
 O'CONNOR, D. C. J., 294
 ODELL, J. E., 330
 ODELL, W. D., 206
 O'DOHERTY, D. S., 331
 ODOM, G. L., 218
 OESTER, Y. T., 132
 OGRYZLO, M. A., 11, 63
 OGURA, G. I., 94
 O'HARA, A. E., 237
 OHLSEN, A. S., 124
 OHTO, T., 414
 OKAMOTO, H., 138
 OLBRICH, O., 294
 O'LEARY, J., 448
 OLESEN, K. H., 428
 OLHAGEN, B., 368
 OLIVECRONA, H., 206
 OLIVER, T. K., 33*
 OLIVIER, L., 415
 OLSEN, A. M., 34, 35
 OLSEN, C. R., 369
 OLSON, H., 209
 OMEL'JANENKO, L. M., 233
 OMODEI-ZORINI, A., 99
 O'NEAL, P., 377
 O'NEAL, R. M., 402
 ONGLEY, P. A., 113
 ONUIGBO, W. I. B., 280
 OPIE, L., 94
 ORABONA, M. L., 214*
 ORAM, S., 40
 ORBÁN, T., 178
 O'RIORDAN, E. F., 468
 ORLOVA, A. A., 463
 ORLOVSKAYA, G. V., 7
 ORVIS, H. H., 196
 OSBORN, S. B., 67, 346
 OSIPOVA, B. G., 462
 OTIS, A. B., 426
 OTTOLENGHI-LODIGIANI, F., 26
 OTTOMAN, R. E., 236
 OURY, P., 34
 OVERHOLT, R. H., 127
 OWEN, J. A., 3
 OXENHORN, S., 181

OZARAJ, A. I., 424
OZZELLO, L., 291

PACKARD, P., 188
PACKMAN, E. W., 316
PADER, E., 82, 357
PADILLA, A. M., 28
PAFOMOV, G. A., 116
PAGE, R. H., 87
PAILLAS, J. E., 293
PAINE, K. W. E., 448
PAINE, R. S., 143
PÁLDY, L., 148
PALITZ, L. S., 253
PALLIN, I. M., 235
PALMER, W. L., 349
PANDE, S. K., 222
PAPILLON, J., 357
PAPPAS, M. P., 45
PARANDE, A. S., 433
PARE, C. M. B., 109
PARISH, P. A., 115
PARK, C. S., 76
PARK, H. W., 332
PARKER, N., 291
PARRISH, A. E., 120
PARRISH, J. A., 147
PARROTT, R. H., 94
PARRY, W. H., 230
PARYSKI, E., 24
PASHA, M. A., 340
PASHER, I., 161
PASSELECQ, J., 356
PASSOUANT, —, 464
PASTRAS, T., 346*
PATEL, T. B., 314
PATERSON, J. C. S., 198*, 433
PATON, R., 318
PATRICK, R. T., 38
PATTEN, T. D., 234
PATTERSON, E. S., 299
PATTERSON, R., 259
PATTLE, R. E., 126
PAUL, M. H., 113, 270
PAUL, R. N., 426
PAULSON, D. L., 51
PAUTRIZEL, R., 385
PÁVKOVÁ, L., 282
PAWLOWSKI, J. M., 97
PAYNE, E. E., 6
PAYNE, J. P., 406, 467
PAYNE, K. W., 470
PAYNE, M. A., 395
PAYNE, R. W., 370
PEACE, R. J., 200
PEAK, W. P., 443
PEARCE, M. L., 431*
PEARCE, R. D., 461
PEARSON, J. D., 242
PEAT, A. A., 460
PECKETT, B. W., 466
PEDERSEN, J., 286
PEERY, T. M., 268
PELLET, M. V., 62
PELLEW, R. A. A., 311
PELTOLA, P., 331
PEÑA CHAVARRIA, A., 17
PENGELLY, C. D. R., 106
PERACCHIA, A., 244
PERCHUK, E., 13
PÉREZ GALLARDO, F., 90, 95
PÉREZ-SANTIAGO, E., 181
PÉREZ-TAMAYO, E., 325
PERLE, G., 217
PERLOFF, J. K., 425
PERMUTT, S., 175
PERRY, H. O., 62
PERRYMAN, P. W., 303

PESTEL, M., 32
PETERS, M. V., 79
PETERSÉN, I., 217
PETERSEN, P. B., 234
PETERSEN, P. N., 466
PETERSON, R. E., 208
PEVEY, K., 195
PFISTER, R., 31
PFLANZ, M., 221*
PHIBBS, B., 231
PHILIPS, F. S., 200
PHINNEY, A. O., 192
PICK, A., 119
PICK, E. J., 185
PIÉRON, R., 339
PIERQUIN, B., 205
PIERSON, M., 68, 284
PIETRANTONI, L., 52
PILKEY, L., 367
PILLSBURY, D. M., 452
PINES, A., 279
PINET, F., 357
PINKUS, H., 300
PINNIGER, J. L., 359
PIOLINO, G., 391
PIRANI, C. L., 282
PIRKIS, J., 14
PIRRIE, R., 435
PISANO, D., 396
PITNEY, W. R., 199
PITTINGER, C. B., 75
PIZZI, T., 149
PLATT, J. W., 360
PLATTS, M. M., 354
PLEASE, N. W., 146
PLOTKIN, S. A., 68
PLOTZ, C. M., 82
PLOYÉ, M., 12
PLUM, P., 307
PODHORSCHI, A., 432
POINSO, R., 347
POLAK, A., 270
POLAKOFF, P., 447
POLANCO, G., 29
POLLAK, V. E., 282
POLLITZER, R., 245*
POLLOCK, J., 380
POLONCZYK, M., 24
POLZER, K., 211
POMARANC, M. M., 247
PONTHUS, P., 357
POPOFF, L., 322
POPOFF, N., 322
POPPEL, M. H., 396
POPPER, H., 244*
PORTER, M. M., 51
PORTER, R. W., 110
PORTILLO, B., 426
PORTNOY, B., 230
POSER, C. M., 139
POWELL, K. J., 251
PRANKERD, T. A. J., 434
PRESTHUS, J., 142
PREVATT, A. L., 420*
PRICE, H. L., 469
PRICE, M. L., 469
PRICE, W. H., 245, 250
PRINZMETAL, M., 430
PRITCHARD, W. H., 46
PROCTOR, M. H., 116
PROETEL, H., 254
PROKOPENKO, A. P., 118
PROUD, G. O., 203
PROUT, T. E., 136
PRUDOVSKY, S., 96
PRUZANSKY, J. J., 419
PRYLES, C. V., 333, 411
PTASHNE, M., 248
PUBLIC HEALTH LABORATORY
SERVICE, 171, 230

PUGH, D. G., 79
PUIG-LEAL, J., 368
PURIN, V. R., 139
PUTNAM, R. C., 16
PUTNEY, F. J., 203
PYGOTT, F., 184

QUARTI, M., 441
QUICK, A. J., 356
QUINBY, G. E., 232
QUINN, J. E., 188
QUINN, K. V., 143
QUIROGA, R., 426

RAASCHOU, F., 164
RAASCHOU-NIELSEN, W., 101
RABER, G., 427, 428
RACHMILEWITZ, M., 422
RADERMECKER, J., 464
RADÓ, J., 354
RAIRIGH, D., 37
RAJKA, G., 300
RAMOS-ALVAREZ, M., 404
RAMOS-MORALES, F., 30
RAMSAY, W. N. M., 33
RAMSEY, R., 375
RAND, M. J., 273
RANNEY, H. M., 49
RANTA, L. J., 281*
RANTZ, L. A., 58, 369
RAO, V. N., 314
RAPAPORT, J. F., 145*
RAPER, A. B., 434
RAFF, T., 24
RAPHAEL, S. S., 324
RAPPORT, M. M., 161
RASMUSSEN, H. K., 40
RASMUSSEN, K. A., 67*
RATNER, B., 106*
RAVAULT, P., 62, 208, 453
RAY, R. L., 254
RAYCHAUDHURY, A. K., 221
READ, A. E., 262
READ, L., 100
REBOUL, E., 415
RECORD, R. G., 149
REDDY, W. J., 206
REES, J. R., 14
REEVES, W. H., 275
REFVEM, O., 59
REICHERT, R., 230
REID, D. D., 72, 202*, 358, 383
REID, L., 472
REILLY, H. C., 16
REIN, C. R., 145
REINDELL, H., 267, 424
REISCH, A. J., 411
REISERT, P., 249
REJALI, A. M., 78
REMBER, R. R., 470
REMENCHIK, A. P., 130
RENAULT, R., 25
RENDLE-SHORT, J., 57
RENOUD, A. E., 362
RENZI, A. A., 472
RETIEF, F. P., 321
REVOL, L., 357
REYNOLDS, D. F., 238
RHODES, A. J., 165
RHODES, K., 28
RIBBLE, J. C., 220
RICHARDS, D. H., 303
RICHARDS, R. L., 431
RICHARDSON, E. P., 447
RICHMOND, H. A., 127
RIDDLE, M., 390

RIDER, J. A., 347
RIDER, W. D., 3
RIDLEY, D. S., 104, 343
RIDLEY, M., 73
RIEKEN, H., 56
RIKLAN, M., 374
RINVIK, R., 438
RIONDEL, A. M., 206
RIORDAN, D. J., 444
RIPPON, J. E., 18
RISEMAN, J. E. F., 167
RITCHIE, J. M., 171, 229
RITTER, H., 322
RIVASSEAU, J., 385
RIVASSEAU-COUTANT, A., 385
RIVERS, J. S., 336
RIVKIN, L. N., 202
RIZVAŠ, S. I., 34
ROBBIE, D. S., 393
ROBBINS, S. G., 426
ROBBINS, W. C., 62, 190
ROBERTS, G. B. S., 402, 405
ROBERTS, H., 146
ROBERTS, K., 231
ROBERTS, T. N., 56
ROBERTSON, E. C., 456
ROBERTSON, G. L., 29
ROBERTSON, J. D., 414
ROBERTSON, L., 436
ROBINS, L. N., 377
ROBINSON, R. G., 290
ROBINSON, R. W., 118
ROBINSON, S. J., 267
ROBSON, M. J., 123
ROCHELLE, J. B., 91, 167
ROCKNEY, R. E., 268
RODGER, F. C., 104
RODGERS, W. L., 173
RODNAN, G. P., 85
RODRÍGUEZ, R., 29
RODRÍGUEZ-ÍNGO, J., 366
RODRÍGUEZ, J. N., 342
ROGER, A., 457
ROGERS, L., 180
ROGERS, L. S., 368
ROHART, R. R., 284
ROHMER, R., 131
ROHSE, W. G., 246
ROINE, K., 419
ROIZMAN, B., 87
ROKSETH, R., 330
ROLLASON, W. N., 157
ROLLISON, R. A., 158
ROMÁN, C., 149
ROMANUS, R., 368
RONZONI, E., 375
ROODENBURG, A. I., 57*
ROOTH, G., 302
RORSMAN, H., 419
ROSAHN, P. D., 100*
ROSE, G. A., 350
ROSE, G. B., 371
ROSE, J. D., 239
ROSE, N. R., 205
ROSEN, L., 94
ROSENBLUM, E. I., 406
ROSENKRANZ, A., 382
ROSENTHAL, A., 202
ROSENTHAL, F. D., 164
ROSENTHAL, T., 27
ROSENWALD, A. K., 296
ROSENWASSER, H., 129
ROSS, J. D., 98
ROSS, J. F., 476
ROSS, K. A., 290
ROSS, M., 60, 137
ROSS, O. A., 398
ROTH, G. M., 258
ROTH, M., 476
ROTH, R. L., 374

- ROTHBELL, E. N., 108
 ROUGERIE, J., 467
 ROUSSEAU, L., 235
 ROWE, R. D., 189
 ROYER, P., 346
 ROZANOVA, N. S., 198
 ROZANSKY, R., 441
 ROZENBLAT, F. J., 113
 ROZENCIVIT, G. É., 233
 RUBEN, H., 391
 RUBIN, H., 94
 RUBIN, P., 318
 RUBIO, F., 275
 RUBIO, V., 426
 RUCKLE, G., 403
 RUDELL, J. S., 407
 RUDOLPH, A. M., 113
 RUDOWSKI, W., 133
 RUEGSEGGER, J. M., 90
 RUELL, M., 216*
 RUFFIN, J. M., 182
 RUITER, M., 145*
 RUMJANCEV, G. I., 312
 RUNDLES, R. W., 124
 RUPE, C. O., 5
 RUSH, D. K., 237
 RUSIN, N. M., 463
 RUSSEK, H. I., 192
 RUSSELL, K., 229
 RUSSELL, R. R., 334
 RYAN, J., 256
 RYSS, S. M., 263
 RYZKOVA, M. N., 462
- SABIN, A. B., 404
 SAFADI, D., 170
 SAFAR, P., 278
 SAIFER, A., 217
 ST. HILL, C. A., 288
 ST. MARC, J. R., 206
 SALK, J. E., 309
 SALMON, —, 125
 SALT, H. B., 206
 SALTER, J. M., 11
 SALTER, J. M., 202
 SAMET, P., 202
 SAMI, S. A. A., 412
 SAMSON, P. C., 340
 SAMSONOV, M. A., 371
 SANCHEZ-LONGO, L. P., 219
 SANDER, O. A., 312
 SANDERS, A. P., 182
 SANDERS, S. L., 17
 SANDERUD, K., 163, 400
 SANDLER, G., 115
 SANTAGADA, A., 159
 DI SAPIO, G., 88
 SAPPENFIELD, R. W., 17
 SAPRONOVA, I. N., 463
 ŠARAPOVA, G. J., 453
 SARGEANT, L., 363
 SARKANY, I., 451
 SARMA, B., 180
 SATO, P., 412
 SATO, J., 414
 ŠATOLOV, N. N., 463
 SAUNDERS, R. H., 277
 ŠAVROVA, Z. N., 21
 SAYRE, G. P., 65, 293
 SBARRA, A., 327
 SCHAEFFER, M., 90
 SCHAMBERG, I. L., 177
 SCHATZKI, R., 396
 SCHAUB, I. G., 245
 SCHECHTER, M. M., 395
 SCHEFFLEY, C. H., 190
 SCHEINBERG, I. H., 420
 DE SCHEPPER, P., 423
- SCHERBEL, A. L., 370
 SCHILLER, I. W., 344
 SCHILLING, R. S. F., 313
 SCHLANT, R. C., 192
 SCHLOSSMANN, K., 137
 SCHLUNGBAUM, W., 475
 SCHNEIDER, K., 143
 SCHNEIDERMAN, M., 77
 SCHNEIERSON, S., 10
 SCHNITKER, M. T., 160
 SCHOBINGER, R., 108
 SCHOENBERGER, J. A., 130
 SCHOFIELD, F. D., 343
 SCHOTZ, S., 391
 SCHREIBER, H. W., 333
 SCHREINER, G. E., 14, 204, 389
 SCHUIT, H. R. E., 6
 SCHULTZ, A. L., 439
 SCHULTZ, G., 160
 SCHUMAN, L. M., 229
 SCHUSTER, J. M., 409
 SCHWABACHER, H., 328
 SCHWARTZ, I. R., 78
 SCHWARTZ, M., 435
 SCHWARTZ, R., 28
 SCHWARZ, V., 3
 SCHWEDEL, J. B., 42
 SCHWERMER, B., 333
 SCIAGRA, A., 212
 SCOTT, A., 67
 SCOTT, G. W., 136, 436
 SCOTT, J. W., 158
 SCOTT, O. K., 231
 SCOTT, T. G., 15
 SCOTT, W. E. B., 92
 SCOWEN, E. F., 181
 SCRAGG, J. N., 337
 SCRIMSHAW, N. S., 28
 SCURR, C. F., 393
 SEAL, R. M. E., 414
 SEAL, S. H., 394
 SEARS, T. A., 446
 SEDGWICK, R. P., 373
 SEDOVA, T. S., 245
 SEGAL, M. S., 127, 201
 SEIBEL, J. M., 78
 SEIFERT, H. H., 265
 SÉJOURNET, G., 216*
 SELBY, H. H., 318
 SELIGMANN, M., 399
 SELLERS, R. D., 39
 SELYE, H., 241
 SELZER, A., 188
 SERGEEV, A. V., 116
 SERNERI, G. C. N., 209, 212
 SERRATRICE, G., 293
 SERVELLE, M., 43
 ŠESTERINA, M. V., 175
 DE SÈZE, S., 176
 SHACKMAN, R., 424
 SHADDICK, C. W., 384
 SHAER, R. G., 81
 SHAFER, A. Z., 31
 SHAFTEL, N., 14
 SHAGASS, C., 297, 377
 SHAPIRO, J. H., 396
 SHAPIRO, W., 107
 SHARP, E. H., 41
 SHARPE, D. S., 295
 SHARPLESS, G. R., 90
 SHAVER, B. A., 380
 SHAW, D. A., 135
 SHAW, F. H., 92, 406
 SHAW, R., 299
 SHAW, R. R., 51
 SHEA, J. G., 389
 SHEAR, S., 146
 SHEEHAN, S., 448
 SHEFFIELD, CITY GENERAL HOS-
 PITAL, REPORT, 127
- SHELDON, W. H., 69
 SHELLEY, W. B., 223, 452
 SHENKIN, H. A., 447
 SHEPHEARD, E., 458
 SHEPHERD, H. G., 161
 SHEPHERD, M. M., 290
 SHEPHERD, R. D., 74
 SHERLOCK, S., 37, 38, 262, 264*
 SHERMAN, F. E., 403
 SHETH, U. K., 342
 SHETLAR, M. R., 370
 SHEV, E. E., 267
 SHIBATA, Y., 138
 SHIELDS, C. D., 331
 SHILLINGFORD, J., 268, 269
 SHINGLETON, W. W., 182
 SHIRAKI, H., 84
 SHOOTER, R. A., 18, 147, 416
 SHRIFTER, H. B., 132
 SHUB, H., 329
 SHU CHU SHEN, 197
 SHUKLA, R. N., 433
 SHULMAN, S., 205
 SHUTE, G. T., 28, 257
 SIBLEY, W. A., 65
 SIEGEL, S. C., 439
 SIEGERT, R., 95
 SIEKERT, R. G., 220, 307
 SIEM, R. A., 404
 SIGLER, L. H., 227
 SILBER, E. N., 187
 SILVER, C. P., 252
 SILVER, R. T., 200
 SILVERMAN, W. A., 68
 SIMAVONJAN, V. G., 251
 SIMMONS, P. H., 75
 SIMON, G., 464
 SIMON, GEORGE, 472
 SIMON, M., 160
 SIMONSON, D. W., 154
 SIMONTON, L. A., 178
 SIMPSON, F. O., 47
 SIMPSON, I. C., 52*
 SIMPSON, J. A., 362, 449
 SINGER, J. M., 82
 SINGER, K., 400
 SINGER, L., 400
 SINHA, R. P., 412
 SIRCAR, S., 418
 SISSON, T. R. C., 146, 455
 SJÖSTEDT, S., 302
 SKANSE, B., 285
 SKATVEDT, M., 382*
 SKLAROFF, D. M., 320*
 SKOM, J. H., 365
 SKORYNA, S. C., 81
 SLANNEY, G., 349
 SLATER, J. D. H., 14
 SLOAN, A. W., 352
 SLOCUM, H. C., 470
 SMAGIN, V. G., 263
 SMART, G. A., 360
 ŠMELEV, N. A., 21
 SMELLIE, H., 280, 405
 SMIRK, F. H., 193
 SMITH, D. W., 326
 SMITH, F. A., 151
 SMITH, G. H., 334
 SMITH, G. M., 451
 SMITH, H., 302
 SMITH, HYLTON, 13
 SMITH, H. V., 176
 SMITH, I. H., 240
 SMITH, J., 336
 SMITH, J. A., 144
 SMITH, J. F. F., 152
 SMITH, K. SHIRLEY, 119
 SMITH, M. A., 18
 SMITH, R., 439
 SMITH, R. C., 427
- SMITH, R. L., 399
 SMITH, R. S., 388
 SMITH, R. T., 443
 SMITH, W., 245*
 SMITHWICK, R. H., 196
 SMYTH, C. J., 289
 ŠNEIDMAN, A. A., 80
 SNELL, B., 19
 SOBEL, G. W., 366
 SOBOTKA, H., 161
 SOFFER, L. J., 285
 SOISALO, P., 331
 SOKOLIN, A. I., 415
 SOKOLOVA, N. F., 228
 SOKOLOVA, T. S., 456
 SOLANKI, B. R., 433
 SOLOFF, L. A., 78
 SOLOMONA, V. F., 397
 SOLOMON, S., 56
 SOLOMONS, B., 459*
 SOLOV'eva, E. A., 462
 SOMERVILLE, R. G., 152
 SOMMERS, S. C., 196
 SOMNER, A. R., 278
 SØNDERGAARD, E., 286
 SOPHER, M., 138
 SORINSON, N. S., 152
 SORS, C., 462
 SOTOMAYOR, Z. R., 30
 SOULIÉ, P., 43
 SOUTHWOOD, W. F. W., 473
 SPALDING, J. M. K., 94
 SPEER, F. D., 291
 SPENCER, A. G., 364
 SPENCER, H., 346
 SPENCER, R. P., 4
 SPERANTOVA, M. A., 21
 SPICER, G. S., 471
 SPILLANE, J. D., 6
 SPINA, G., 413
 SPLITTER, S., 121
 SPRAGUE, C. C., 198*, 433
 SPRAY, G. H., 198
 SPRIGGS, A. I., 388
 SPURR, C. L., 91
 SRBOVA, J., 315
 SRIKANTIA, S. G., 345
 STACKIW, W., 165
 STAGG, G. N., 465
 STAHLÉ, J., 281*
 STANCER, S. L., 57
 STANDEN, O. D., 105
 STAPLETON, T., 303
 STARER, F., 273
 STARKEY, G. W. B., 113, 116
 STARR, G. F., 325
 STARR, P., 361
 STEEN, J., 438
 STEFANINI, M., 321
 STEFFEN, C., 211
 STEHLIN, S., 68
 STEIM, H., 424
 STEIN, L., 298
 STEIN, Y., 422
 STEINBERG, C. L., 57*, 151
 STEINBERG, I., 237
 STEINER, R. E., 38
 STEINHAUS, J. E., 317
 STOMPIEN, S. J., 110
 STEINBERG, K., 217
 STEPANOVA, B. I., 462
 STEPHEN, C. R., 317
 STERN, K., 5
 STERN, T. N., 39
 STEVENS, J. R., 295
 STEVENSON, A. C., 70*, 226*
 STEVENSON, F. H., 252
 STEVENSON, J., 46
 STEVENSON, J. A. F., 407
 STEWART, A., 458

- STEWART, G. T., 72
 STEWART, P. D., 180
 STILL, R. M. L., 412
 STIMSON, C. W., 371
 STOCKMAN, A. M., 408
 STOHLMAN, F., 77
 STOKES, E. J., 50, 165
 STOKES, J. B., 199
 STONE, A. O., 188
 STONE, C., 417
 STONEMAN, M. E. R., 251
 STONER, H. B., 154
 STORMONT, J. M., 348
 STORSTEIN, O., 330
 STOTT, H., 74
 STOWENS, D., 156
 STOWERS, J. M., 136
 STRÄSSLE, R., 6
 STRANACK, F., 390
 STREETE, B. G., 133
 STREIFLER, M., 292
 STREM, E. L., 456
 STRICH, S. J., 322
 STRINDBERG, B., 302
 STRITZLER, C., 145
 STRONG, J. P., 323
 STRUKOV, A. I., 7
 STUART, J. R., 376
 STUART-HARRIS, C. H., 327
 STUBBE, J. L., 35
 STUDDERT, T. C., 447
 STUDY GROUP, COMBINED (DUNDEE), 171
 STULBERG, C. S., 87
 STUNKARD, A. J., 260
 SUBOV, M. I., 118
 SUBRAHMANYAN, T. P., 95
 SULA, L., 252
 SULLIVAN, J. F., 287
 SURAWICZ, B., 192
 SUTTON, D., 273
 SUTTON, R. N. P., 327
 SVARTZ, N., 137
 ŠVEICAR, J., 165
 SWADER, J., 347
 SWARTZWELDER, J. C., 17
 SWENSSON, A., 314
 SWERDLOW, M., 157, 470
 SYČEV, G. I., 397
 SYKES, M. P., 16
 SYLVESTER, P. E., 457
 SYMONDS, C., 66, 447
 SYRKIN, A. L., 288
 SZENTIVANYI, A., 258
- TACHDJIAN, M. O., 140
 TAFT, L. I., 244
 TAKAYAMA, A., 414
 TAKEI, T., 373
 TAKEYA, S., 84
 TALBOT, H. S., 204*
 TALMADGE, S., 250
 TALMAGE, D. W., 365
 TAMAGAWA, C., 84
 TAMAGNA, I. G., 196
 TANENBAUM, H. L., 425
 TANNER, D. C., 206
 TARANTINO, M., 441
 TAREEV, E. M., 263
 TASMAN, A., 336
 TAVERAS, J. M., 142
 TAY, J., 88
 TAYLOR, R. R., 202
 TAYLOR, W. J., 115
 TEARE, D., 85
 TEBROCK, H. A., 387
 TEISINGER, J., 315
 TELEK, A., 146
- TEMPLE, L. J., 25
 THEIS, F. V., 194
 THEYE, R. A., 38
 THIEBAUT, F., 131
 THIÉFFRY, S., 382, 464
 THIERS, H., 453
 THODE, H. G., 266
 THOMAS, A. J., 45
 THOMAS, C. G., 133
 THOMAS, D. P. P., 61
 THOMAS, E., 256
 THOMAS, L. M., 374
 THOMAS, W. C., 131
 THOMPSON, H. E., 214
 THOMPSON, J. R., 401
 THOMPSON, M., 61
 THOMPSON, P. W., 468
 THOMPSON, R. B., 360
 THOMSEN, A. C., 282
 THOMSON, A. M., 459
 THOMSON, J., 306
 THOMSON, T. J., 247, 248
 THOMSON, W. B., 258
 THORN, G. W., 206, 362
 THORNTON, E. H., 383
 THROWER, W. B., 115, 184
 THURSBY-PELHAM, D. C., 106
 THURSTON, D. L., 448
 TICKTIN, H., 389
 TJUFILINA, O. V., 301
 TOBIAN, L., 117
 TODD, U. M., 157
 TOLENTINO, J. G., 342
 TOLL, H. W., 94
 TOMCZAK, H., 456
 TOMPKINS, A. B., 454
 TOMPETT, R., 190
 TOMPETT, S. L., 155
 TONKS, D. B., 178
 TOOHEY, M., 83, 119
 TOONE, E. C., 212
 TOROSOV, T. M., 4
 TORRES GOST, J., 96
 TOWNSEND, E. H., 91
 TRAFTON, H. M., 53
 TRAVIS, J. C., 450
 TRICHÉREAU, R., 255
 TRIGUB, N. I., 21
 TROTT, A. W., 335
 TROTTER, P., 15
 TROUT, R. G., 115, 353
 TRUAN, T. D., 462
 TRUELOVE, S. C., 183, 259, 388
 TRUITT, E. B., 76
 TUBERCULOSIS SOCIETY OF SCOTLAND, RESEARCH COMMITTEE, 24
 TUBIANA, M., 205
 TUBIANA, R., 403
 TUDHOPE, G. R., 390
 TUFT, L., 344
 TULLIS, J. L., 170
 TUMANJAN, M. A., 245
 TUNA, N., 117
 TURIAF, J., 259
 TURNBULL, W., 350
 TURNER, D., 152
 TURNER, D. A., 181
 TURNER, M. D., 38
 TURNER, R. L., 226
 TURNER, T. B., 96
 TWADDLE, P. H., 430
 TYLER, D. E., 177
 TYOR, M. P., 348
 TYRRELL, D. A. J., 19
- UCHIMURA, Y., 84
 UEXKÜLL, T. V., 221*
- ULETT, G. A., 291
 ULRICH, R. P., 160
 UNGER, R. H., 365
 UNITED STATES PUBLIC HEALTH SERVICE, TUBERCULOSIS PROPHYLAXIS TRIAL, 23
 UPDYKE, L. L., 404
 URICCHIO, J. F., 427
 UTZ, J. P., 200
- VACCA, J. B., 409
 VALENTINE, G. H., 455
 VALLEE, B. L., 130
 VALUK, V. A., 397
 VALVASSORI, G., 394
 VAN ACKEREN, E. G., 75
 VAN ALYEA, O. E., 281
 VANDAM, L. D., 469
 VAN DER WERFF, J. T., 277
 VANDEWATER, S. L., 140, 158
 VANDOW, J. E., 27
 VANE, J. R., 185
 VARCO, R. L., 39
 VARGA, G., 281
 VARTBARONOV, R. A., 397
 VASIJANSKAJA, A. D., 4
 VASIL'EV, T. V., 415
 VASIL'EVA, O. I., 463
 VASSENA, E., 441
 VEERARAGHAVAN, N., 95
 VELASCO-JOVEN, E. A., 96
 VERAN, P., 255
 VERCELETTO, P., 255
 VEREL, D., 122
 VERMASSEN, A., 438*
 DE VEZEAUX DE LAVERGNE, E., 68
 VIAL, J., 208
 VICKERS, H. R., 74, 169
 VICTOR, M., 372
 VIGNON, G., 62, 208
 VINCZE, E., 300
 VINEBERG, A., 46, 193, 354*
 VINK, H. H., 336
 VIRAT, J., 412
 VIRTUE, R. W., 470
 VITERI, F., 28
 VOCL, G., 115
 VOLK, B. W., 207, 217, 265
 VOLPÉ, R., 131
 VON CAPELLER, D., 39
 VON GAL, H. V., 237
 VOS, G. H., 455
 VOURC'H, G., 467
- WACKENHEIM, A., 131
 WACKER, W. E. C., 130
 WADE, G., 191
 WAINE, T. E., 468
 WAKELEY, C., 96
 WAKIM, K. G., 65, 293
 WALD, S., 375
 WALDBOTT, G. L., 379*
 WALDSTEIN, S. S., 132
 WALKER, G., 285
 WALKER, J., 46, 74
 WALKER, W., 360
 WALKER, W. C., 279
 WALLACE, J., 183
 WALLACE, J. G., 52
 WALLER, R. E., 71
 WALLEY, R. V., 20
 WALLIS, H., 221
 WALLS, H. J., 389
 WALSH, J. R., 272, 410
 WALSH, J. M., 346
 WALTER, J. B., 243
 WALTON, E. W., 436
 WANG, S. C., 472
- WANKO, A., 120
 WAN NGO LIM, 209
 WARBURG, E., 428
 WARD, S. B., 212
 WARD, V. G., 40
 WARIN, R. P., 183
 WARNER, P., 311
 WARNER, R. P., 17
 WARREN, J. E., 59
 WARSHAW, L., 431
 WASSERBURGER, R. H., 40
 WASSERMAN, L. R., 181
 WATKINS, A. L., 371
 WATKINS, J. T., 313
 WATKINS, T. I., 172*
 WATSON, J., 13
 WATSON, T. A., 474
 WATSON, W., 231
 WATSON, W. C., 247
 WATT, L., 177
 WATTS, R. W. E., 181
 WAYNE, E. J., 132
 WEAVER, J. A., 136
 WEBB, J., 303, 458
 WEBB, M. S. W., 471
 WEBER, M., 144
 WEBSTER, D. R., 81
 WEBSTER, J. E., 374
 WEBSTER, L. T., 347
 WEEKS, M. M., 82
 WEHRLE, P. F., 230
 WEHRS, R. E., 203
 WEIHL, C., 169
 WEIL, A. A., 294
 WEIL, M., 249
 WEINBERGER, M., 340
 WEINER, S. M., 430
 WEINREICH, J., 50
 WEINSTEIN, V. A., 81
 WEISER, N. J., 266
 WEISS, B., 299*
 WEISS, G., 209
 WELCH, A. D., 170
 WELCH, G. H., 42, 191
 WELLINGTON, J. S., 154
 WELLMAN, W. E., 265
 WELSH, A. L., 379
 WENNER, H. A., 94
 WEST, C. D., 438
 WEST, G. B., 363
 WESTERGAARD-NIELSEN, V., 225
 WHALEN, L. E., 146, 455
 WHARTON, R. H., 257, 343
 WHATMORE, G. B., 297
 WHEELER, A. H., 415
 WHEELER, J. X., 208
 WHEELER, W. F., 252
 WHELEN, W. S., 456
 WHISNANT, J. P., 65, 220, 293
 WHITAKER, J., 87
 WHITE, C. W., 247
 WHITE, K. L., 13
 WHITE, P. D., 120
 WHITE, W. C., 94
 WHITESIDE, J. A., 200
 WHITFIELD, A. G. W., 227
 WICKBOM, I., 159
 WICKES, I. G., 306
 WIGFIELD, M., 335
 WILKEN-JENSEN, K., 419
 WILKINS, E. W., 396
 WILKINSON, J. F., 162, 226
 WILLCOX, R. R., 93, 179, 416
 WILLIAMS, C. D., 17
 WILLIAMS, E. M. V., 331
 WILLIAMS, H. M., 122
 WILLIAMS, J. H., 21
 WILLIAMS, R. E. O., 18
 WILLIAMS, R. H., 206
 WILLIAMS, R. S., 180

- WILLIAMS, W. J., 243
 WILLIAMSON, J., 338
 WILLOUGHBY, M. L. N., 202
 WILSON, C., 48
 WILSON, D. C., 218
 WILSON, I. M., 120
 WILSON, M. G., 209
 WILSON, R. R., 163
 WILSON, V. K., 107
 WILSON, W. L., 17
 WILSON, W. P., 348
 WINEGRAD, A. I., 362
 WINGE, K., 436
 WINKEL, E., 391
 WINKELMANN, R. K., 452
 WINTERNITZ, W. W., 55
 WISWELL, J. G., 131
 WITEBSKY, E., 205
 WITTEN, T. A., 286
 WITTS, L. J., 198, 321, 432
 WOLFE, S. J., 348
 WOLFF, H. G., 260
 WOLFF, O. H., 206
 WOLFORD, J. A., 144
 WOLLNER, L., 276
 WOLMAN, L., 441
 WOLMAN, M., 163
 WOLTER, H. H., 425
 WOOD, C. H., 227
 WOOD, H. F., 357, 367
 WOOD, M. W., 293
 WOOD, P., 13, 352
 WOODFORD-WILLIAMS, E., 294
 WOODHALL, B., 218
 WOODRUFF, A. W., 343
 WOODRUFF, J. H., 236
 WOODS, J. W., 13
 WOOLF, L. I., 144
 WORNING, H., 431
 WRAITH, D. G., 38
 WRIGHT, I. S., 141, 220*
 WRIGHT, J., 334
 WRIGHT, J. C., 170
 WRÓBLEWSKI, F., 321
 WRÓBLEWSKI, R., 321
 WULFF, M. H., 373
 WYANT, G. M., 11, 246
 WYKE, B. D., 76
 WYMAN, S. M., 396
 WYNGAARDEN, J. B., 345
 YABLONSKI, M. D., 408
 YANAGAWA, K., 176
 YASUI, M., 138
 YATES, P. O., 372
 YI-YUNG HSIA, D., 226, 454
 YOKOTA, T., 373
 YOSHIDA, H., 176
 YOUMANS, A. S., 169
 YOUMANS, G. P., 169
 YOUNG, A., 441
 YOUNG, A. C., 213, 238
 YOUNG, D., 42, 267
 YOUNG, F. H., 413
 YOUNG, W. N., 387
 YOUNGUE, E. L., 77
 YÜ, T. F., 63
 ZACHAU-CHRISTIANSEN, B., 410
 ZAFFRAN, A., 253
 ZAIMAN, T. E., 19
 ZAMCHECK, N., 184
 ZARECKIJ, V. V., 111
 ZARZUELO, E., 95
 ZASLAVSKIJ, I. D., 22
 ZATUCHNI, J., 78
 ZAVÁZAL, V., 212
 ZELLWEGER, H., 225*
 ZETTERSTRÖM, R., 2, 302
 ZETZEL, L., 34*
 ZEZULA, I., 315
 ZIEGLER, C. H., 75
 ZIEGLER, D. K., 142
 ZIEVE, L., 262, 439
 ZIFF, M., 322
 ŽILIS, Ē F., 397
 ŽILVA, J. F., 14
 ZIZINE, L., 259
 ZJABBAROVA, S. A., 459
 ZOHMAN, B. L., 192
 ZOLL, P. M., 270
 ZÖLLNER, F., 52
 ZOOB, M., 268
 ZORINI, A. O., 253
 ZOTTU, S., 136
 ZUCHLEWSKI, A. C., 2
 ZUELZER, W. W., 87
 ŽUKOVA, O. T., 133
 ZUMANOVÁ, R., 315